CS 1110-002 **Introduction to Programming** - Fall 2012

ENGR (20420)

INSTRUCTORS: Kim, In Kee (ik2sb) - **Sherriff, Mark (mss2x)**

Respondents: 83 / Enrollment: 139

Summary: CS 1110-002 Introduction to Programming - Fall 2012 (20420)

Overall Course Rating

CS-1110-002 Mean 4.13
CS-1110-002 Std Dev 0.98
CS-1110-002 Response Count 414

Difference from Category Mean, Expressed in Category Standard Deviations	-2 -1 0 1 2
	0.27

SEAS, 1000-level courses Mean 3.84
SEAS, 1000-level courses Std Dev 1.07
SEAS, 1000-level courses Response Count 9373

Overall Instructor Rating

INSTRUCTOR: Sherriff, Mark
 Mean 4.62
 Std Dev 0.68
 Response Count 574

Difference from Category Mean, Expressed in Category Standard Deviations	-2 -1 0 1 2
	0.57

SEAS, 1000-level courses Mean 4.04
SEAS, 1000-level courses Std Dev 1.01
SEAS, 1000-level courses Response Count 25392

~ QUESTIONS AND DETAILS ~ | *~ ANSWER MATRICES ~*

1. How accurate is this statement for you: After taking this class, I am more likely to major or minor in CS.
~
Question Type: Likert
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
83	3.60	1.36	29 (34.94%)	20 (24.10%)	15 (18.07%)	10 (12.05%)	9 (10.84%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
174	3.56	1.32	56 (32.18%)	41 (23.56%)	39 (22.41%)	20 (11.49%)	18 (10.34%)

2. How accurate is this statement for you: After taking this class, I have a better appreciation for Computer Science.
~
Question Type: Likert
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
81	4.53	0.73	51 (62.96%)	24 (29.63%)	5 (6.17%)	0 (0.00%)	1 (1.23%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
172	4.55	0.68	109 (63.37%)	52 (30.23%)	9 (5.23%)	1 (0.58%)	1 (0.58%)

3. How accurate is this statement for you: After taking this class, I personally have a better understanding of fundamental concepts in Computer Science.
~
Question Type: Likert
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
83	4.61	0.66	56 (67.47%)	24 (28.92%)	2 (2.41%)	0 (0.00%)	1 (1.20%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
173	4.65	0.61	120 (69.36%)	48 (27.75%)	3 (1.73%)	1 (0.58%)	1 (0.58%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

4. How accurate is this statement for you: Pair Programming helped me learn the material better.
~
Question Type: Likert
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
83	3.63	1.29	27 (32.53%)	22 (26.51%)	17 (20.48%)	10 (12.05%)	7 (8.43%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
174	3.65	1.20	53 (30.46%)	49 (28.16%)	39 (22.41%)	24 (13.79%)	9 (5.17%)

5. Which topic/lecture in this course was your favorite and why?
~
Question Type: Short Answer
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Individual Answers
72	*See below for Individual Results*

The turkey farm homework. I created a new object for my extra part and the fact that I could do that and understand it made me feel acomplished.

I have to say fractals/recursion, because by that point I could look back on what I learned and see how much I progressed. Also, the homework for this was much more fun than homework 4 and 5.

Array and ArrayLists because they seem very applicable.

Recursion turtle drawing

Classes because they opened up a lot more stuff to do

Recursion because it was mathematical.

I really enjoyed everything in this course but learning fractals was really cool. Just because they look pretty!

Recursion/Fractals- Fractal just has a nice ring to it. Fractal. Fractal.

The lectures on loops - during the first test, I realized that I understood them.

I really liked arrays and arraylists because we could start doing a lot more fun things and I am very mathy and visual, so I could really pcture things like matrices and it made a lot of sense

for loops and reading from files. I find that this is one of the most practical things that we learned in the class.

Recursion + fractals were really cool, but still still confusing.

Fractals - I got to see how CS can be applied to mathematical theories

Recursion because it was fun to play around with different shapes/images.

i found recursion interesting because it involved a new way of thinking

Fractals, I like the visual aspects of programing.

I didn't have a favorite. My least favorite things to do were HW4 and HW5.

recursive methods, because they are very logical to think about

I love sheriff

HW5 with the video game, it was a more fun application of object-based orientation

Recursion was to most 'out of the ordinary' and this is my first exposure to the concept.

loops because they were such a big part of our assignments and they were easy to learn

I loved loops because they allowed you to do so much more programming.

loops

My favorite topic dealt with learning fractals and how to draw them because it gave me the opportunity to physically see what I had created.

The information in this document is private and confidential. Please handle accordingly.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Loops were my favorite because they forced you to think in logically foreign ways. Great mental exercises.
	Turtle. that is all.
	Loops - just so much you can do with them.
	Recursion since I thought it was cool making the shapes.
	recursion; I am a sucker for artistic things. This was especially fun for me
	All...All lectures followed Calculus.
	Fractals and Recursive Methods were my favorites because it presented an alternative way of thinking about problems that I was very comfortable with.
	Reading information from the web or a file. It has a practical use that I can actually see using.
	Methods, it took me awhile to understand it but when I did it made writing code a lot easier.
	The GPS HW was interesting and fun to make.
	Turkeyfarm
	Classes in Java. I found it interesting that pretty much everything could be modeled by a computer program and really started to make me think about how computer programs can be applied to accomplish certain tasks.
	I liked learning arrays and everything before that because it was easy and logical.
	Turkey Farm HW
	fractals as it deals with interesting logic
	Recursion because it was neat to see the logic behind it.
	probably the CSV data analysis/classes lectures as they were more interesting to me as I had no understanding of OOP
	Object oriented programming. It was very difficult but when I understood it I really enjoyed the things we could do with it.
	Recursives - they're a way of thinking that most people don't use.
	The intro, because I literally had no understanding of the topic coming into the class, and now I get it!
	The part on Java was pretty cool.
	loops? I'll need them in C++. which is why i took the course?
	I thought the homework assignment where we parsed data in looking for the suspect was the most interesting as I saw the most real world application. I thought it was really cool.
	The day we talked about the uses of other languages.
	I enjoyed learning how to draw images on java.
	Cryptic chase- got to get up and move around
	reading from files and from the internet Turkey Farm
	Fractals, because it was fun trying to figure out how to draw them.
	For some reason I enjoyed the course in the earlier stages more. I feel like we wasted time at the end and lost focus trying to learn things that Sherriff was experimenting with, for example having everyone trying to make the recursive trees.
	Even though I may never use it again, I really enjoyed the lecture on using Matlab because it showed the correlations between the different programming languages. The advanced I/O lecture was also very interesting.
	fractals , fun
	My favorite topic was writing methods, because they helped make the program easier to read. Plus, it was pretty useful calling them anywhere in the program when needed.
	Searching and sorting, it was really cool to learn about the algorithms.

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Recursion, because it was the only topic which I was not comfortable with before entering the course, and I left feeling much more comfortable with recursion.
	Method
	Recursion. I wasn't exposed to this mode of thinking before. The applications were awesome.
	HW4 and HW5 because they are challenging and interesting.
	Recursion. I enjoy learning about and using fractals.
	Classes - I feel like this knowledge gave me a greater sense of control over my computer programs. Understanding how to use classes unlocked new features (whether created my myself or someone before me) that I could use in my programs.
	while loops - easy and fun or fractals
	I enjoyed programming the Turkey Farmer game because it was fun to get things to move and program elements of a game.
	methods and class. it helps me to better understand other materials we learned before and after that
	I really enjoy learning loops, made my life so much easier!
	The stuff you can do with recursion and draw is cool, even though it was one of the hardest concepts to understand. So I like it a lot.
	Learning to write methods. The way it was explained made a lot of sense. Using algorithms and stuff.
	classes and objects because it is important to understand them to use so that I can use them in CS2110
	Almost everyone attracted my interest

6. Which topic/lecture in this class do you think you will find the most useful in the future?
~
Question Type: Short Answer
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark	
Total	Individual Answers
68	*See below for Individual Results*

Definitely loops and if statements.

I have no idea.

recursion or just problem solving in general

Array lists, how to read files.

There was nothing particular; I want to continue with more programming courses.

Use of java.

Object oriented programming/classes

Loops - loops are used everywhere and in almost every "major" program that I wrote this semester.

Definitely the basics, especially file reading and writing, as I feel like the basics are what we really need to progress and the other things will fit in wherever necessary

Just coding in general.

The basic understanding of programming/how it fits into the world

I love sheriff

All of them - maybe not fractals. But fractals are cool and teach recursion so its k.

general programming principles

loops.

Mostly all of the material seems like it would be useful.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	For general engineering, I think the lectures on decision structures and loops will prove to be the most useful.
	Basic algorithms, especially ones towards the beginning, that could be applicable in business settings (like designing financial calculators).
	loops
	loops
	Honestly and unfortunately just the first couple lectures explaining the basics of what a programming language is. I intern at a computer software company and they use their own internally developed language that I've had to work with and that's the only place I see myself using programming in the future.
	Just coding in general is going to be very helpful. I guess thinking in terms of algorithms and algorithmic time efficiency would be the most helpful in the future.
	In general the ability to break things up.
	file opening
	The stuff on Classes; it solidifies a CS philosophy towards CS. Objects, functions, etc.
	the entire program of java will be really useful in future CS classes
	Person of Interest assignment #4, was when it really clicked for myself! Keep that homework.
	Array and Array Lists or loops.
	probably the ones relating to data processing and data analysis
	I am not planning to do any further course work with computer science so this is not applicable to me.
	All...It is an introductory course.
	Reading information from the web or a file. It has a practical use that I can actually see using.
	reading from files and from the internet.
	Most of them except for matlab since I will never use it
	I think I will find building a UML the most useful in the future. Not actually building a UML, but learning how to think abstractly and to break down a problem into smaller components.
	The segment on Matlab.
	The ones on object oriented programming since many programming languages use this type of programming style.
	Just knowing how to write a standard program
	I think methods will be the most useful to have learned because they are not as intuitive as coding within "main".
	method in programming
	I feel like the overall thought process from this class, particularly when constructing if-statements and for loops will continue to help me think more logically as I continue in life.
	Algorithmic problem solving in general... is good.
	Method-writing. Dividing and conquering.
	matlab
	Writing methods
	Reading and manipulating files.
	Information about how computers store and manage information via programming is probably the most important topic presented.
	Object-oriented programming/HW 5 stuff. I may make android apps for fun.
	Basic coding languages.
	The lecture about how once you learn how to program in theory, you can do anything in any language, and the sky is the limit. That was my favorite lecture, and it was really inspiring.

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Dividing questions into small pieces
	Everything
	Everything
	Sorting and loops
	See #5.
	Probably classes
	All of them, I didn't know any programming before this
	Object oriented programming
	The ability to apply the basics of programming to other languages (just have to learn the syntax).
	All of them seemed to be things we should know for future CS classes.
	I think most of it will be useful especially because I plan on taking CS 2110 in the future.
	I think our understanding of classes and object-oriented programming will be most helpful.
	loops/methods
	classes and objects
	learning how to break large problems down into more manageable ones.
	They are all really basic, so they all should be quite useful
	Recursion; it was a harder concept to grasp and something I have never thought of before.
	Besides the basics, I think reading in different sorts of files and using that information.

7. What lecture/topic(s) in this class "did not work" or were not seen as useful in the long run?
~
Question Type: Short Answer
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark	
Total	Individual Answers
69	*See below for Individual Results*

Matlab?

Matlab was barely touched on and it was hard getting into the hive so I felt it was the least useful in class despite it being very useful for engineers.

maybe the MathLab class.

fractals

Can't think of any right now. But the complexity one was hard to grasp. Or Matlab, because I'm not an engineer.

Matlab.

n/a

YoshiChase was fairly difficult for the amount of credit earned. Otherwise, I think everything was appropriately fitting for the course.

As much as I like turtle, I would say turtle.

recursion with fractals... While recursion is great for fractals it doesn't translate to making recursive functions for things like string comparison. it just is magic sort of. Also the matlab lectures clearly did not work, we spent too much time trying to get the program working.

MatLab was dumb and gave me unnecessary worries when trying to download it.

Some of the later homeworks were not that useful (ex: GPS).

THe scavenger hunt class I don't think was helpful, and some of the lectures where we just spent the time programming (like with the snowflake) I would have preferred to be walked through the drawing process.

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Mathlab
	Maybe the yoshi decoding.
	I felt like MatLab was not very helpful as we only spent 2 days on it and is something that was not expected for the exam. It just didn't seem to relevant to the rest of the material that the course covered.
	I love sheriff
	Matlab, I'm not in the E-school
	None, I believe they were all useful
	none
	none
	none
	I think Matlab wasn't so interesting. It wasn't relevant to me. I wanted to learn more about the future languages I would learn as a CS major
	Homework 5 seemed excessive, and stupid. But none of the actual concepts we learned seemed particularly stupid.
	gaming was interesting but i think less usefull
	Can't think of any
	Recursion - I still don't understand them
	Recursive methods
	recursion was confusing
	MATLAB
	recursion
	The MatLab lectures
	None really, class time was well managed.
	--
	none.
	Recursive drawing.
	None
	None
	None
	I thought he did a poor job talking about the sorting methods. Should not go through it so fast.
	I think the turtle is stupid. It's so simple but I can't imagine what I'd use that for outsied of CS 1110 homework
	do while loop/matlab
	Recursion, in particular fractals, was interesting but does not seem to be very useful in the long run.
	Personally, I thought the introduction to MatLab was a bit rushed. Also, as a CS major, I do not see it being as useful to me in the future.
	I feel like the material just continued to build on what we had previously learned and almost everything was used at other times later in the course. Maybe not recursion, but we only talked about it near the end of the course, so I don't know how much it would be used going forward.
	Matlab. The covering it was too short to really be effective.
	none. all good.
	Matlab seemed pretty pointless.
	N/A

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

N/A

N/A

matlab

matlab

matlab

matlab

Personally, there weren't any lectures that I didn't find interesting.

I'm not a fan of recursion.

Trying to do matlab / the hive was a big waste of time. I would have rather learned more stuff in Java.

do while loops.

MatLab was rushed in the end and I did not feel like I learned enough to use it in application.

I didn't really understand the mathlab lecture

Group work was miserable.

Drawing fractals

Drawing fractals

File opening.

The topic of matlab seems pointless to me since I am in the college.

Python - I got very lost trying to follow the lectures on Python, especially the multimedia topic. While I know I'll be using other languages in the future, I didn't feel like I developed a solid understanding of how to use this one.

fractals

I don't know what my future in CS holds so I don't know what will be useful in the long run.

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8. How accurate is this statement for you if you used the podcasts from this class: Podcasts were useful to catch up on material that I missed due to absences.
~
Question Type: Likert
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
79	4.10	0.86	19 (24.05%)	16 (20.25%)	12 (15.19%)	1 (1.27%)	0 (0.00%)	31 (39.24%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
167	4.16	0.86	41 (24.55%)	32 (19.16%)	20 (11.98%)	3 (1.80%)	0 (0.00%)	71 (42.51%)

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9. How accurate is this statement for you if you used the podcasts from this class: The podcasts were useful to review material that I was unclear on.
~
Question Type: Likert
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
80	3.87	0.93	14 (17.50%)	21 (26.25%)	14 (17.50%)	2 (2.50%)	1 (1.25%)	28 (35.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
168	3.92	0.86	28 (16.67%)	43 (25.60%)	27 (16.07%)	3 (1.79%)	1 (0.60%)	66 (39.29%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

10. How often did you listen to the podcast for a lecture?
~
Question Type: Multiple Choice
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Every lecture (NA)	Nearly every lecture (NA)	Whenever I needed to review a topic (NA)	Only when I missed a class (NA)	Randomly just to see what it was like (NA)	Never (NA)
83	2 (2.41%)	1 (1.20%)	19 (22.89%)	19 (22.89%)	10 (12.05%)	32 (38.55%)

Results for SEAS, 1000-level courses

Total	Every lecture (NA)	Nearly every lecture (NA)	Whenever I needed to review a topic (NA)	Only when I missed a class (NA)	Randomly just to see what it was like (NA)	Never (NA)
174	4 (2.30%)	2 (1.15%)	35 (20.11%)	46 (26.44%)	17 (9.77%)	70 (40.23%)

11. How would you rate the availability of TAs?
~
Question Type: Likert
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
83	3.33	0.80	40 (48.19%)	33 (39.76%)	8 (9.64%)	1 (1.20%)	1 (1.20%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
174	3.33	0.80	85 (48.85%)	68 (39.08%)	15 (8.62%)	5 (2.87%)	1 (0.57%)

12. How would you rate the helpfulness of the TAs?
~
Question Type: Likert
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
83	3.19	0.85	35 (42.17%)	32 (38.55%)	14 (16.87%)	1 (1.20%)	1 (1.20%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
174	3.33	0.80	86 (49.43%)	65 (37.36%)	18 (10.34%)	4 (2.30%)	1 (0.57%)

13. How often did you make use of the TA office hours?
~
Question Type: Multiple Choice
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Every week (NA)	Every other week (NA)	Once per assignment (NA)	Rarely (NA)	Never (NA)
83	11 (13.25%)	18 (21.69%)	24 (28.92%)	21 (25.30%)	9 (10.84%)

Results for SEAS, 1000-level courses

Total	Every week (NA)	Every other week (NA)	Once per assignment (NA)	Rarely (NA)	Never (NA)
173	31 (17.92%)	31 (17.92%)	43 (24.86%)	49 (28.32%)	19 (10.98%)

14. Any specific comments about the TAs you would like to share?
~
Question Type: Short Answer
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Individual Answers
52	*See below for Individual Results*

Not particularly

Maybe share with people that you have morning TA office hours so that the load of people is more evenly spread out and that way more people can get help. My partner and I were waiting 40 minutes once and we didn't get any help in that time period, so we just left since about 7 people were progressed down the list at that time.

I don't understand why that one girl kept wearing the dinosaur suit. It wasn't that cute and it was like she didn't have other clothes. I like dinosaurs though.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	I though Dan and Hunter did an awesome job this semester. They were very knowledgeable and always willing to help. They really encouraged me to stick with CS and pursue it further. Overall they did an awesome job.
	I love sheriff
	I went to TA office hours once, and I was instantly upset that I had waited so long. They were extremely helpful.
	Nope.
	Dan&Hunter4Ever
	The TA's do more talking with each other than anything. I would wait there for 2 hours for them, and they would help me for 30 seconds... I even saw them go out of the order on the sign up sheet and stay with these people for 20 minutes. Absolutely ridiculous. Most of the ta's are rude and not helpful.
	Dan and Hunter are awesome... Just saying.
	no
	no
	none
	They were very helpful overall, especially in lab, but some of them were definitely reluctant to share certain information and I think they may have felt that they were overstepping what they were allowed to share while other TAs would give us the answers point-blank
	No.
	I give the TA's so much credit in this class. They all had so many kids trying to get their help and they were all patient and addressed the problems we had.
	I would like for there to be more TA office hours. It seemed there weren't enough, and when I went, the wait was very long.
	They are awesome, helpful, and friendly people. They are freaking smart too.
	I thought they were very helpful when they finally came to help you.
	The TAs were excellent. It was helpful to be able to get different approaches to how to solve a problem from the different TAs. While I was disappointed that sometimes I only got 5 minutes of their time, I completely understand that they have to divide their time to be fair.
	Dan's the man.
	moar TAs should be available during office hours because often times we are left with the TAs straight up just giving us the answer without explaining it after a long day of office hours.
	I think the TAs do a great job in helping everyone when needed. I understand that it can be pretty difficult and time-consuming to look at each individual's code and figure out the problems, but the TAs were usually able to quickly pinpoint the issues and explain why they were wrong.
	None
	Hunter and Dan are awesome.
	I never really got to know my TA, but he was helpful in lab
	Early on during Homework 5, I asked a TA, his name was Kevin, a question. I don't know if he misunderstood the question, but he spent 5 minutes putting us in the wrong direction, which confused my partner and I. After asking a few questions as to why he was telling us to do these things, he said "Do you guys mind if I move on? It seems like you guys have a lot of learning to do". We proceeded to put our names back on the list and wait for a useful TA to come around.
	Though I rarely talked to a TA, I did observe that they seemed useful to students, and were approachable about any sort of problem. Some also stay late to help, which is nice.
	No
	nope
	Did not really help that much in lab
	I love CS TAs
	They are a great group that helped really well.
	Thanks

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

love them

N/A

I think there should be a more efficient manner of signing up for TA's in Thorton Stacks.

thank you very much!

They were all very cool people.

I really enjoyed Paul and John as lab TA's. they were fun and helpful.

Some knew more than others, and sometimes they weren't able to help that much.

I really appreciated how the TAs had so many office hours and always seemed available. The TAs put in a ton of work and I think they were wonderful help/

i think the girls tend to be weaker sometimes the TAs would drive and completely take over the assignment in a confusing way couldn't always address specific questions

Not enough of them.

Very friendly and helpful.

Some of them know their stuff better than others. But unless they sit down and look through your entire code, they might miss what you're doing and suggest something not relevant as a fix because they thought you were doing it another way.

I wish the TAs had a standard for how they were grading the homeworks, because every TA that my partner and I talked to had different inputs as to what to fix on our programs.

Dan Miller rocks. He was never condescending, and always helpful. I would not have survived this class without his help!

Sometimes i think they spent a disproportionate amount of time with some people (AKA Girls) and when they would get to me I would feel like they're rushing to leave.

Sometimes not helpful but they cannot be expected to solve every individual problem.

Some were AMAZING, and some were really lacking.

Some didn't really help. Others were fantastic. When one didn't know, they wouldn't leave you, they'd find someone who did. except when they were the only one there...

---

15. The course addressed technically rigorous subject matter consistent with the course objectives.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
82	4.36	0.72	38 (46.34%)	35 (42.68%)	5 (6.10%)	2 (2.44%)	0 (0.00%)	2 (2.44%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1876	4.04	0.94	637 (33.96%)	860 (45.84%)	231 (12.31%)	85 (4.53%)	51 (2.72%)	12 (0.64%)

---

16. The instructor used methods other than/in addition to traditional lectures (for example, active learning, in-class problems, collaborative learning, in-class discussion) effectively in this course.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
83	4.66	0.63	60 (72.29%)	20 (24.10%)	1 (1.20%)	2 (2.41%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3648	3.97	1.08	930 (25.49%)	728 (19.96%)	450 (12.34%)	152 (4.17%)	85 (2.33%)	1303 (35.72%)

The information in this document is private and confidential. Please handle accordingly.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

17. There was a reasonable level of effort expected for the credit hours received.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
83	4.23	0.97	38 (45.78%)	35 (42.17%)	4 (4.82%)	3 (3.61%)	3 (3.61%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1878	4.01	1.01	632 (33.65%)	884 (47.07%)	178 (9.48%)	109 (5.80%)	73 (3.89%)	2 (0.11%)

18. The homework assignments helped me learn the subject matter.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
83	4.42	0.78	46 (55.42%)	29 (34.94%)	6 (7.23%)	1 (1.20%)	1 (1.20%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1874	3.91	1.08	621 (33.14%)	704 (37.57%)	277 (14.78%)	139 (7.42%)	76 (4.06%)	57 (3.04%)

19. The textbook increased my understanding of the material.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
83	3.77	1.03	22 (26.51%)	27 (32.53%)	19 (22.89%)	9 (10.84%)	1 (1.20%)	5 (6.02%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1877	3.40	1.15	253 (13.48%)	514 (27.38%)	425 (22.64%)	174 (9.27%)	125 (6.66%)	386 (20.56%)

20. The course material was well organized and developed.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
82	4.50	0.82	52 (63.41%)	24 (29.27%)	2 (2.44%)	3 (3.66%)	1 (1.22%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3632	3.89	1.04	757 (20.84%)	932 (25.66%)	453 (12.47%)	158 (4.35%)	84 (2.31%)	1248 (34.36%)

21. The instructor was knowledgeable about the subject matter.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
82	4.87	0.34	71 (86.59%)	11 (13.41%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3626	4.27	0.90	1193 (32.90%)	787 (21.70%)	324 (8.94%)	59 (1.63%)	38 (1.05%)	1225 (33.78%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

22. The instructor was well prepared for class.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
81	4.79	0.47	66 (81.48%)	13 (16.05%)	2 (2.47%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3634	4.15	0.93	998 (27.46%)	830 (22.84%)	355 (9.77%)	84 (2.31%)	42 (1.16%)	1325 (36.46%)

23. I received adequate preparation from the prior courses in the curriculum to be successful in this course.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
83	3.56	1.24	13 (15.66%)	9 (10.84%)	13 (15.66%)	5 (6.02%)	3 (3.61%)	40 (48.19%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1868	3.64	1.07	238 (12.74%)	378 (20.24%)	289 (15.47%)	87 (4.66%)	50 (2.68%)	826 (44.22%)

24. The grading policy was fair.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
82	4.35	0.81	40 (48.78%)	33 (40.24%)	5 (6.10%)	2 (2.44%)	1 (1.22%)	1 (1.22%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3629	3.76	1.15	712 (19.62%)	900 (24.80%)	443 (12.21%)	214 (5.90%)	144 (3.97%)	1216 (33.51%)

25. The instructor responded adequately to in-class questions.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
83	4.54	0.74	53 (63.86%)	25 (30.12%)	3 (3.61%)	1 (1.20%)	1 (1.20%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3610	4.16	0.92	964 (26.70%)	865 (23.96%)	313 (8.67%)	81 (2.24%)	43 (1.19%)	1344 (37.23%)

26. The instructor effectively used technology in support of the learning goals for this course.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
81	4.63	0.71	58 (71.60%)	19 (23.46%)	2 (2.47%)	1 (1.23%)	1 (1.23%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3613	4.10	0.94	921 (25.49%)	894 (24.74%)	357 (9.88%)	88 (2.44%)	50 (1.38%)	1303 (36.06%)

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

27. The average number of hours per week I spent outside of class preparing for this course was:
~
Question Type: Multiple Choice
~
contributed by Office of the Provost

Results for CS-1110-002

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
83	1 (1.20%)	22 (26.51%)	38 (45.78%)	14 (16.87%)	8 (9.64%)

Results for SEAS, 1000-level courses

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
1880	155 (8.24%)	809 (43.03%)	644 (34.26%)	193 (10.27%)	79 (4.20%)

28. I learned a great deal in this course.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for CS-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
83	4.61	0.56	54 (65.06%)	26 (31.33%)	3 (3.61%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1876	3.90	1.13	661 (35.23%)	710 (37.85%)	270 (14.39%)	127 (6.77%)	108 (5.76%)

29. Overall, this was a worthwhile course.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for CS-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
82	4.55	0.86	58 (70.73%)	16 (19.51%)	5 (6.10%)	1 (1.22%)	2 (2.44%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1874	3.85	1.21	692 (36.93%)	623 (33.24%)	289 (15.42%)	129 (6.88%)	141 (7.52%)

30. The course's goals and requirements were defined and adhered to by the instructor.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
83	4.58	0.61	52 (62.65%)	28 (33.73%)	2 (2.41%)	1 (1.20%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3502	3.57	1.19	867 (24.76%)	1071 (30.58%)	1125 (32.12%)	75 (2.14%)	364 (10.39%)

31. The instructor was approachable and made himself/herself available to students outside the classroom.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
82	4.30	0.83	40 (48.78%)	31 (37.80%)	7 (8.54%)	4 (4.88%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3473	3.68	1.15	1025 (29.51%)	932 (26.84%)	1145 (32.97%)	111 (3.20%)	260 (7.49%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

32. Overall, the instructor was an effective teacher.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
83	4.65	0.72	63 (75.90%)	14 (16.87%)	3 (3.61%)	3 (3.61%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3449	3.58	1.16	916 (26.56%)	860 (24.93%)	1259 (36.50%)	136 (3.94%)	278 (8.06%)

33. Please make any overall comments or observations about this course:
~
Question Type: Short Answer
~
contributed by Office of the Provost

Results for CS-1110-002

Total	Individual Answers
49	*See below for Individual Results*

Sherriff made himself available but I found his sarcastic attitude uninviting and cold

It was a fun and interesting course.

it was fun, even if the last three homeworks were crazy. Mostly HW4....we spent 30+ hours on that, but made it trough!

Great class, but I hated sitting down in front of a computer screen for so long. Computer science is physically not for me.

I marked In Kee Kim neutral on some responses because there wasn't a not applicable bubble.

This was a very worthwhile class. I learned an incredible amount of information. The class will continue to help me as I move forward in life. I am much more interested in computer programming now. The TAs, Hunter and Dan, were awesome. They were very knowledgeable and always willing to help. Professor Sherriff provided, fun, but challenging homework assignments. He always made class interesting and was the only class this semester where I didn't continually watch the class. I looked forward to attending everyday. This was a great class and I am glad I took it. Professor Sherriff and his TAs did a great job.

http://www.youtube.com/watch?v=C-ELR8WHbGk Youaw De Shewriff

who is Kee Kim? seriously.. no idea what that is about, anyways the ta's were good. The only improvement for the class I would suggest is that instead of trying matlab and recursive fractals, that python be taught instead. Now importantly show the extensive additions to python that are possible, like using R in python, numpy/scipy or django or webcrawlers or openCV. Python does give you a different syntax than java but more importantly it opens a lot of doors for integrating things that are initially prohibitive to do in java, plus the numerous scientific and other possibilities python allows . While a lot of people use matlab, it is going to die out as python is gaining traction and replacing environments like matlab or IDL. Otherwise a great class and I only wish I can get into the upper level CS courses, just let us take the classes online or something.

Sherriff is one of the best teachers I've ever had, thanks for a great semester!

Comprehensive and interesting. 10/10

I love sheriff

By far the most enjoyable course of my first college semester.

It is going to fast , first of all , it would be better for students to have a video of the class on collab instead of having a podcast , moreover , the teaching is going way to fast , it is hard for a student who has more than 15 credits to follow this class because a lot of work is required , we shouldn't spend 10 hours on 1 hw , it is too much , we have other things to do , other homeworks in other classes , the tests are fair , but the hws should be changed for less working hours , but still the same difficulty .

I did not have In Kee Kim as an instructor, so all of my responses for that professor are neutral.

This course is an introduction to java, so Homeworks should be more focused on applying the concepts rather than hard questions. For example, HW4, HW5 focused more on details and using calender ojects,GPS coordinates that we just got a brief overview about them... I think the professor need to explain to students first how these classes and objects work before giving us a large coding assignment for students who are learning programming for the first time. Same thing with HW5. Also, the instructor should make a balance betwen the example code in class and the homework. That is, the example code in class were short and easy, but HW was long and hard for entry level students in programming.   The instructor need to focus more on teaching students logic of programming, and release HWs after we cover all the material needed to do the HW; not while we are still reading and learning it. Overall, it is a good course, but again there should be balance between the difficulty and complexity of HWs and lecture examples. Thank you

The information in this document is private and confidential. Please handle accordingly.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Great class!

Class went too fast. This is an intro level CS course, and as someone who had never dabbled in programming before, I often felt confused and lost. I would cut down on the material a bit and make the class a bit easier somehow.

Sherriff is very personable during class, however after he seems a bit intimidating.

The amount I learned was not equivalent to the amount of hair I pulled out while completing the homework.

This was an excellent class. Everyone should take it, regardless of their plan of study because they'll walk away with useful skills or at least better methods to problem solving. There should be a better method for pairing people for HW assignments. I got stuck with a bad partner for the first one that made the assignment a huge burden. Perhaps the TAs could pair people based on their individual performance in labs.

The homework assignments took far too long.

Awesome class :)

Great course! I really enjoyed it and now I am considering a minor in CS!!

Professor Sherriff is a funny, interesting, and knowledgeable professor. I learned a lot (or perhaps enough) about CS from him.

Professor Sherriff was a great teacher, his homework assignments got considerably tougher. Sometimes I wish he would teach at a slower pace in the classroom.

It was a really fun course.

I was glad to learn about the basics of programming. I'm a current Pre-Comm major and if that falls through then I believe I would try to take CS as a second major or minor.

Professor Sherriff acts very different outside of the lecture hall. If you go to him for help or ask a question after class, his tone of voice changes drastically and he comes across very rude. He has made me seem like a failure during this class, because he talks down to you anytime people are not around. Yes, he has a PhD and I am an undergraduate, but I am still human, I deserve respect.

Instead of just providing random examples in class it would be a lot more effective if we worked on some example programs. Going in to some of the homework assignments it was difficult to know what to do without TA help. People with prior programming experience have a big advantage.

I quite literally never opened the book. The only reason I was ever told to open the book was to learn how to format decimals into dollar format and I was too lazy to walk to my room (I was sitting about 10 feet away in our lounge) so I just googled it and found an answer faster than I could have found it in the book. Please don't make people buy it.

By far my most favorite class of the semester, I came in with no programming experience and learned a ton! Sherriff was a great professor and really enjoyable in class.

Sherriff is awesome. Makes coming to class fun. Subject matter was super interesting and useful. Made me consider CS

This was a fantastic course, and I would recommend it to anyone at all interested in Computer Science.

Excellent

N/A

Even though I am not considering a minor nor major in Computer Science, I felt that this course was worthwhile to take and enjoyed Prof. Sherriff's lectures. He seems to legitimately enjoy teaching.

This was my third time taking an Intro CS course (I never got credit due to a unique situation). Even though I knew most of the material coming into the class, I still found it to be enjoyable, and it helped solidify the concepts I had been previously taught. One of my favorite professors of all time. I respect Mark Sherriff as a teacher and as a person, and I hope that other students appreciated his class as much as I did.

Great class. Now know java, but still can't quite apply it to the real world.

Sherriff is a BeastlyAwesomeMasterproFessor. But really, I've always been interested in coding but I made sure to take this class with Sherriff because I heard he was awesome. And he really is.

This was by far my favorite class I took during my first semester at UVA. Prof. Sherriff you are an engaging teacher and really made the course interesting and fun each day.

Less group work, please.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	I was quite nervous about taking a computer science class, but Sherriff is a fantastic teacher and made the subject matter very understandable. Working with a partner/groups on the labs/homework made coding much more understandable. I greatly appreciated all the help from the TAs and all of the office hours available. In all of my classes that I took this semester, I learned the most in CS 1110. This class increased my interest in computer science and made me much more comfortable when it comes to coding. I think Sherriff is a great teacher. He runs a very organized class, especially when it comes to collab and emailing and all that. If I had one criticism, Sherriff was sometimes intimidating/cold when it came to asking questions. This class was fun but a lot of work. Totally worth it and rewarding in the end. I'd like to be a CS major. Loved this course! Sherriff was one of the best professors I have had at UVA. I felt that it was too difficult for a "beginner" programming course for someone with no prior programming experience. Really good class. I loved it so much! As my first CS course, I understood it very well and it definitely made me want to pursue CS in the future. I feel like you should account for effort when grading the homework. I also think it would be helpful to have bi-nightly mini homeworks rather than (or in addition to) large ones. Learning a language is all about practice so I think little assignments every other night would be helpful in learning the material.