Team process, review

CS201
Spring 2005
Week 11
1 paragraph

- describe the team process, as you understand it
- 5 minutes

Next, discuss in small group

Collecting

Communicating

Understanding

Solving

Managers

Designers

Programmers

Conflict
Collecting

Now discuss in small group

Better
Guidelines — fresh

Conn

May 8, 02
12:31
Each week

- Managers
  - Lab:
    - get stories for next week
    - help estimate tasks for this week
    - ask for prioritization from customer if necessary
    - get signup for tasks for this week
  - Lab + 2
    - make sure unit tests going smoothly
    - make sure unit tests going to coders
  - 2 days before next lab
    - get code from coders
      - access code and make sure it works
      - get coders to fix problems
    - turn in task list for next week to Joe
Each Week

- **Developers**
  - Lab:
    - review coding logs from last week
    - look at tasks for coming week
    - estimate time
    - help get prioritization from customer if nec.
    - sign up for tasks
  - Lab + 2
    - complete unit tests and send to manager
    - keep logs of time spent on tasks
  - next lab -2
    - send code and logs to manager and TA
  - Daily
    - check email from team
Why? Risk reduction

- estimation
- unit tests
- logging
- cvs
- meet with customer/ prioritization of code
- spikes
Recursion, part II

CS201
Spring 2005
Week 11
Visualizing Recursion

public class Fact {
    public static int fact( int f) {
        if (f == 1) {
            return 1;
        } else {
            return fact(f-1) * f;
        }
    }
}
Visualizing Recursion

```java
public class Fact {
    public static int fact(int f) {
        if (f == 1) {
            return 1;
        } else {
            return fact(f-1) * f;
        }
    }
}
```

```java
main() {
    int c = 5;
    int d;
    d = Fact.fact(5);
}
```

What is on the stack?
What is on the heap?
Recursive definitions

- LinkedList Node

```java
public class LinkedListNode {
    private Object info;
    private LinkedListNode next;
    ...
}
```