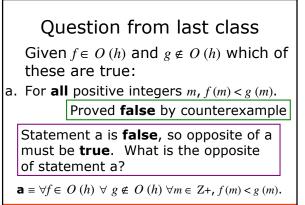


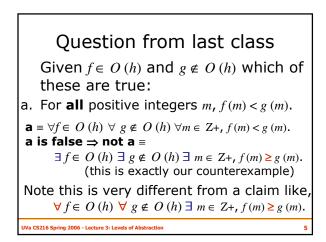
Recap

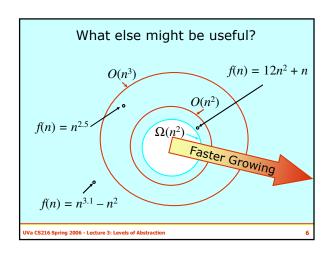
- Big-O: the set O(f) is the set of functions that grow no faster than f
 There exist positive integers c, n₀ > 0 such that f(n) ≤ cg(n) for all n≥n₀.
- Omega (Ω): the set $\Omega(f)$ is the set of functions that *grow* **no slower than** f- There exist positive integers c, $n_0 > 0$ s.t. $f(n) \ge cg(n)$ for all $n \ge n_0$.

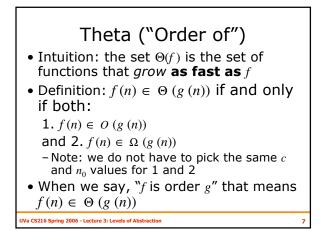
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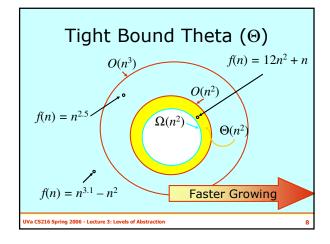


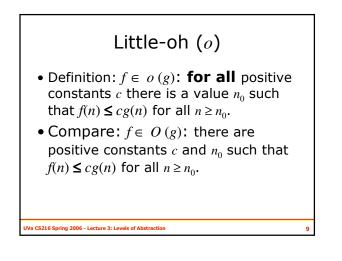
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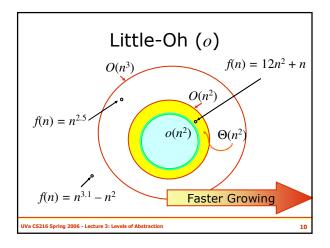


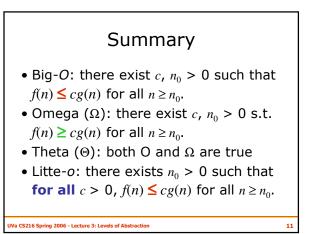


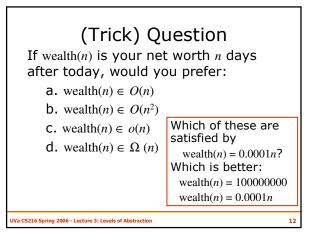


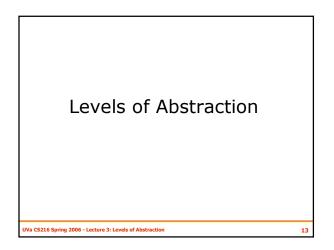


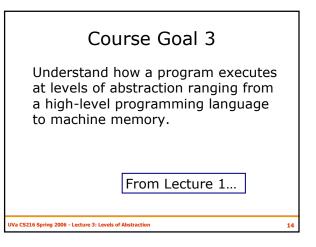


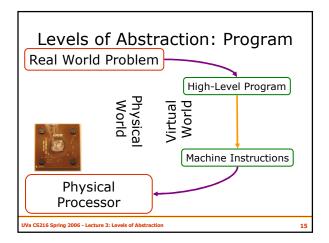


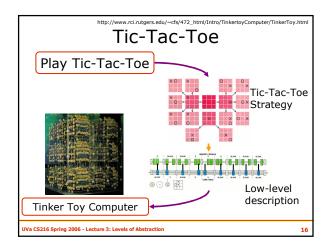


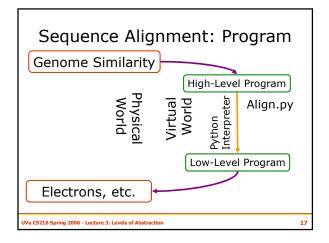


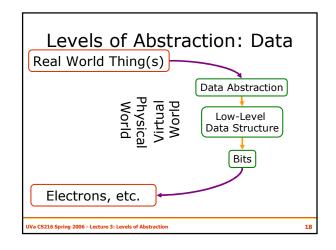


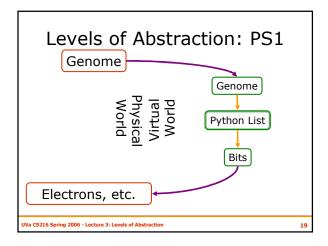


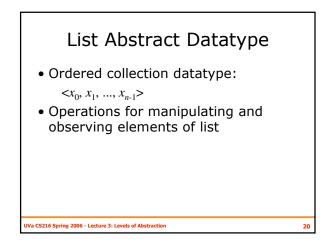


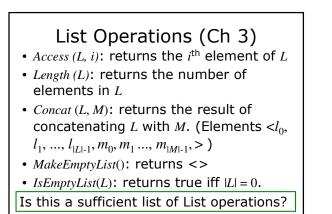




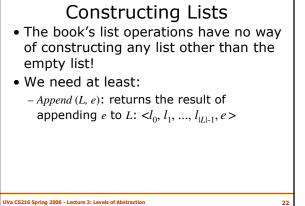


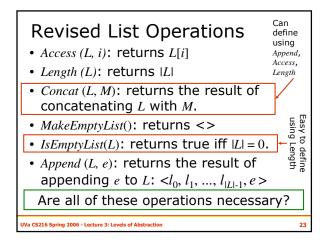


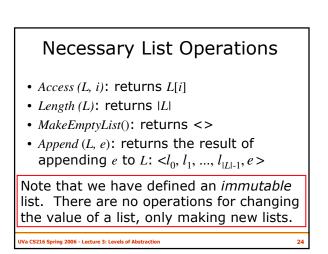


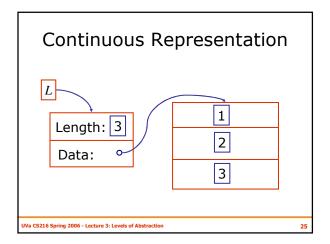


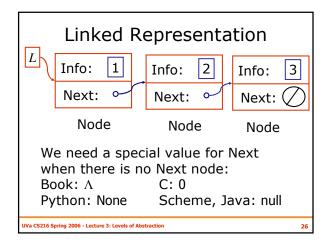
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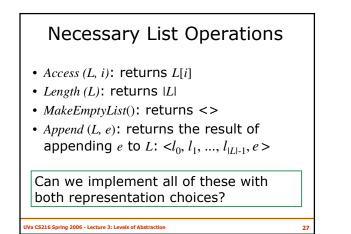


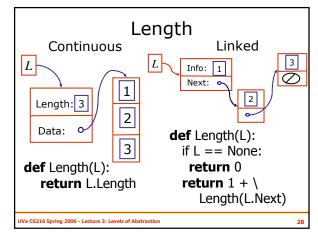


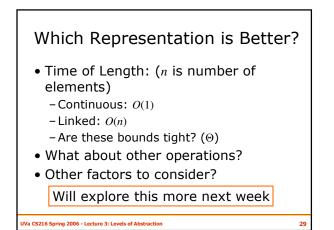


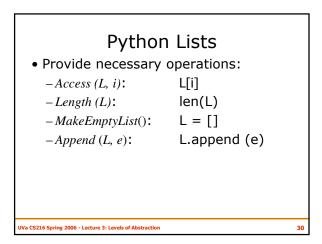


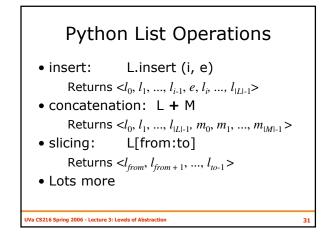












• PS1 • Ps1 • ny to "guess" by measuring performance of different operations. • Ohless you can do exhaustive gueriments (hint: you can't) you can't be assured of a correct guess. • Around PS4: • Dok an lower abstraction level: C code for the Python List implementation.

