CompSci 161 Spring 2021 Review: Hierarchy of Running Times Lower Bounds on Sorting

Hierarchy

- 1. Constant Time push to a stack: O(1)
- 2. Poly-logarithmic logn

3. Polynomial n n n logn ≈ n { logn ≈ n } { > 0}

4. Exponential 2ⁿ | 01ⁿ n,





