day 19 3/18/98 “I think you can just say it’s obvious.”
This is a review day.

1 growth functions

- $log(m) \leq log(n^2) = 2 * log(n) = O(log(n))$
- An algorithm with running time $2^{c\sqrt{n}}$ run $2^{d\sqrt{n}}$ has running time $2^{(d+c)\sqrt{n}} = O(2^{\sqrt{n}})$