

Test

Sorting Algorithms!

	Best	Worst	Ave
Selection Sort bad iteration only time	Quadratic $\rightarrow n^2$	Quadratic $\approx n^2$	Quadratic n^2
Insertion Sort find where this goes	Linear $\approx n$	n^2	n^2
Bubble Sort fix pairs until all sorted	n	n^2	n^2
Quicksort	$n \log n$	$\frac{n^2}{\uparrow}$	$n \log n$



$\log_2 n$

recursion

\rightarrow recursive case
 \rightarrow Base Case
 - small enough

$n \cdot \log n$

GUESS
not bad!

n^2
 n