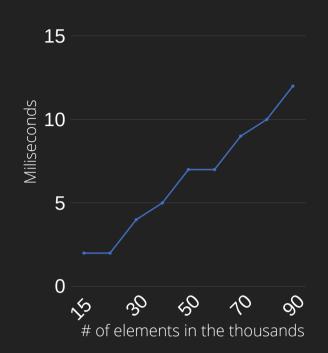
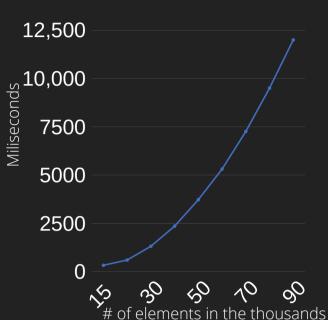
Sort the array!

A MERGE AND SELECTION
SORT COMPARISON

MERGE SORT

SELECTION SORT





Implementation

time?

MERGE > SELECTION

MERGE IS: RECUSIRVE
SELECTION IS: ITERATIVE



MERGE SORT IS WAY FASTER THAN SELECTION SORT

BUT WHY? BIG O CAN EXPLAIN

Maths

Merge: O(n log n) Selection: O(n2)

In english please?

O(n log n) = LamborginiO(n2) = A turtle with 1 leg

SO, WHICH ONE SHOULD I IMPLEMENT?

DO YOU HAVE LARGE AMOUNT OF DATA?

YES: MERGE NO: MERGE O(N2) ALGORITHMS ARE NOT VERY EFFICIENT, TRY ALWAYS USING O(N LOG N) OR FASTER



START SORTING NOW!

