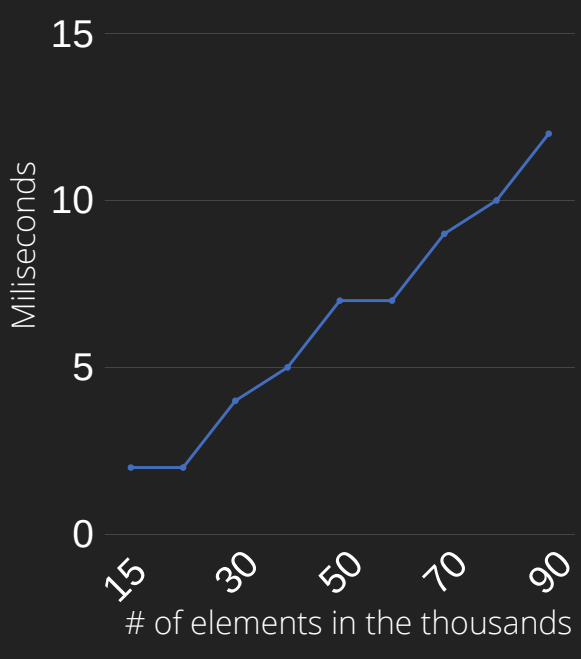
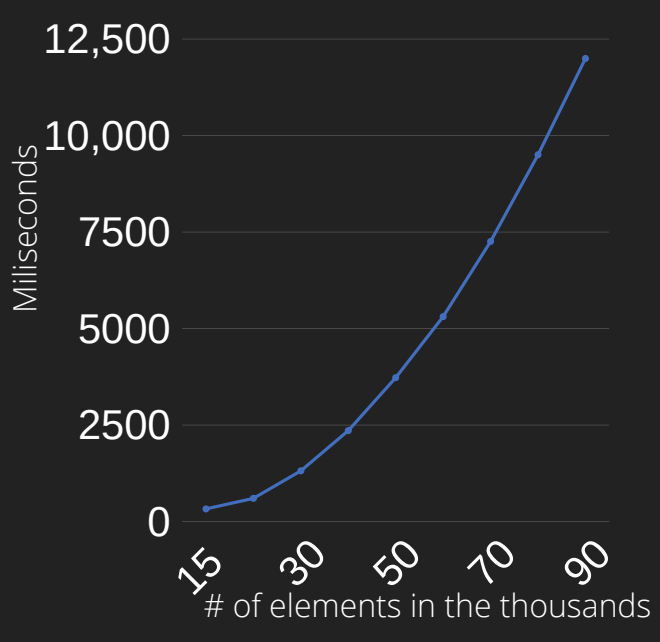
Sort the array!

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) = Lamborgini

O(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!

INFORMATION PROVIDED BY: DANIEL CAICEDO J

SOURCES: HTTPS://EN.WIKIPEDIA.ORG/WIKI/MERGE_SORT
HTTPS://EN.WIKIPEDIA.ORG/WIKI/SELECTION_SORT

TALLER SORT