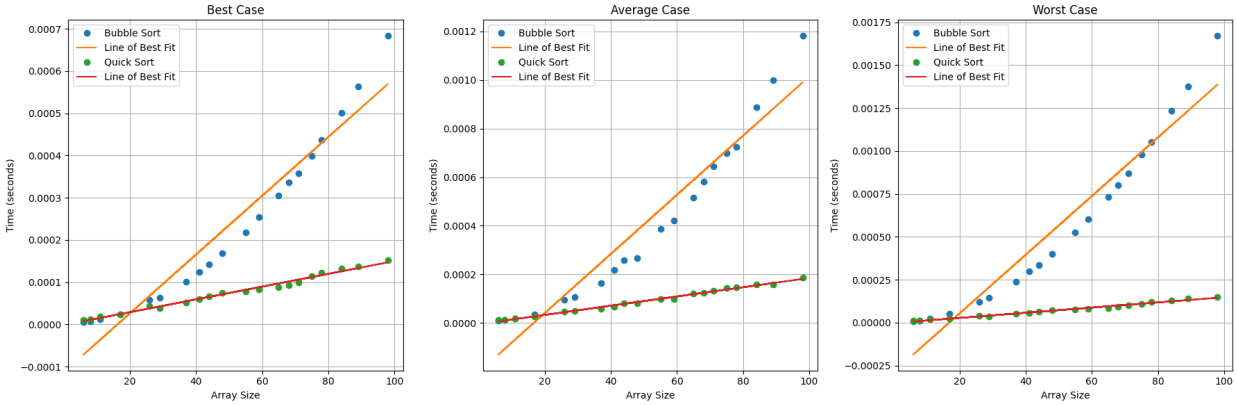
Question 3:



Question 4:

According to these graphs, 18 would be a good threshold. This is because at each case, the two graphs cross at about this time, meaning bubble sort would be more time efficient for array sizes below 18, and bubble sort would be more time efficient for array sizes above 18.