## Exercise 1

Exercise 1) EASY QUESTION Stayse LY QUESTION AFEYQUISTION AFEI QUESTYON AEEINUSSTYOO AEEINOSSTYWa AEEINOQSII YUS AEEINOQSSTUT AFEINOGSSTUY EAS/QUESTION AESYBUESTION AEQSY UESTION AEQSUYESTION AEE QS UYSTION AEE Q Suu YTion AEEQUSSTYION AEEIQUSSTYON AFFIOQUISTYN AFFINOQUESTY

EASYSHELLSORTQUESTION EASYSHELLSORTQUESTION EXEYSHELLSORTOWSTION EAESSHELLSORTQUITION AESSHELSORTQUYTION AELSHESSORTAUYTION (the shellsort h=4 until 4 works) EAELSHESSORTQUYTION EARL QHESSORTSWYTION EAELIHESSORTSUYTQON EAELIHESSORTSOYTQUN EAFLIHESSONTSOYTQUR EAELIHESSONTSOYTOUR h=1 AFELIHESSONTSSOYTQUR AEEILHESSONTSSOYTQUR AEEHILESSONTSSOYTQUR AEEEHILISSIONTSSOYTQUR AEEEHILOSS NITSSOYTQUR AEEEHILNOSSTISSOYTQUR AEEEHILMOSSSTSOYTQUR AEGEH ILNOSSSSTOYTQUR AEFEHILNOOSSSSTYITQUR AEEEHILN OOSSSSTTYQUR

AEREHILNOOQSSSSTTINYR -> AEEEHILHOOQRSSSSTUY V

## Exercise 2

As we can see in the graphs bellow, ShellSort is by far the fastest sorting algorithm. As for the other two, SelectionSort is very slow on large data but can be faster than InsertionSort in small amount of data.





