## Question 1:

Best Case: The best case would be if the list were already sorted. a) there will be comparisons as it is but no exchanges and execution time is in O(n2) b) But if we keep a track of exchanges in each pass and terminate the program checking if no exchanges. Then the program would require only one pass and max. (n-1) comparisons are required in that single pass and we can say that the complexity is of order of O(n).

## Question 2: