[22,27,16,2,18,6]

[16,27,22,2,18,6]

[16,22,27,2,18,6]

[16,22,2,27,18,6]

[16,22,2,27,18,6]

[16,22,2,18,27,6]

[16,22,2,18,6,27]

[2,22,16,18,6,27]

[2,16,22,18,6,27]

[2,16,18,22,6,27]

[2,16,18,6,22,27]

[2,6,18,16,22,27]

[2,6,16,18,22,27]

2) O(n^2)

3)Worst case

4)?

**[7,3,5,8,2,9,4,15,6**]

[3,7,5,8,2,9,4,15,6]

[3,5,7,8,2,9,4,15,6]

[3,5,7,2,8, 9,4,15,6]

[3,5,7,2,8, 4,9,15,6]