1)

1. [2,27,16,22,18,6]
2. [2,6,16,22,18,27]
3. [2,6,16,18,22,27]

2)

* O(n^2)

3)

* Average case: n^2
* Worst case: n^2
* Best case: n

4)

* Average Case

5)

1. **[2,3,5,8,7,9,4,15,6]**
2. **[2,3,4,8,7,9,5,15,6]**
3. **[2,3,4,5,7,9,8,15,6]**
4. **[2,3,4,5,6,9,8,15,7]**
5. **[2,3,4,5,6,7,8,15,9]**
6. **[2,3,4,5,6,7,8,9,15]**