

1. Min heap
2. Array representation: A C W D E Z X Z W
3. Min heap
4. Max heap
5. Neither
6. Array representation: 9 8 8 5 5 4 6 3 4 4
7. Array representation: 9 8 6 7 3 2 5 1 4
8. Array representation: 8 6 7 2 5 4 3 1
9. Array representation: 7 8 3 6 5 4 2 2 1 4 4 3 3 2
10. Array representation: 8 9 8 9 8 6 7 2 1 8 6