1) Stack: [6]
2) Stack: [6, 5]
3) Stack: [6, 5, 1]
4) Stack: [6, 5, 1, 2]
5) Stack: [6, 5, 1, 2, 4]
6) Stack: [6, 5, 1, 2, 4, 3]
7) Stack: [6, 5, 1, 2, 4, 3, 7]