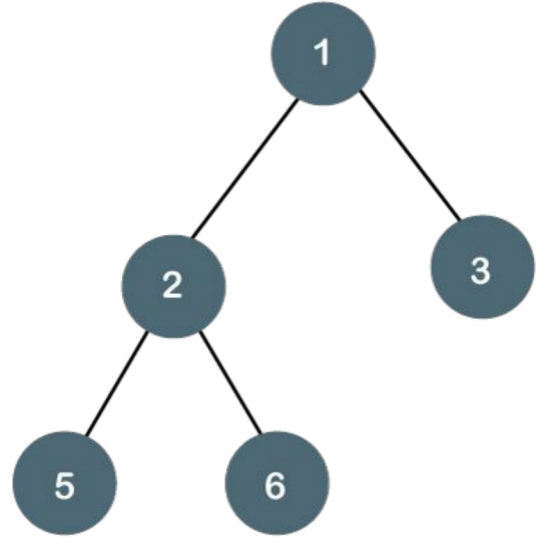


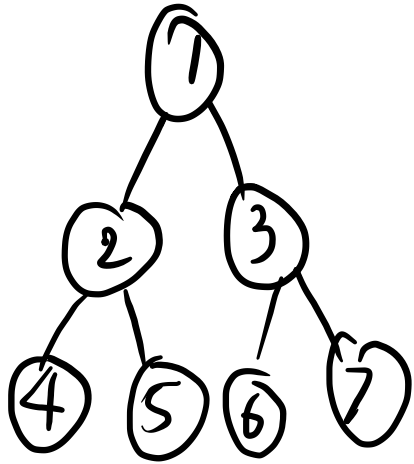
Interview Problems

TREES

By Gladden Rumao



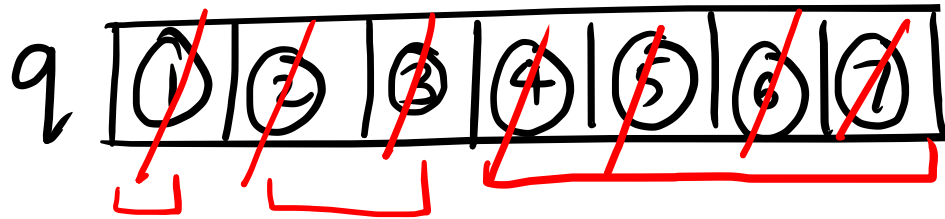
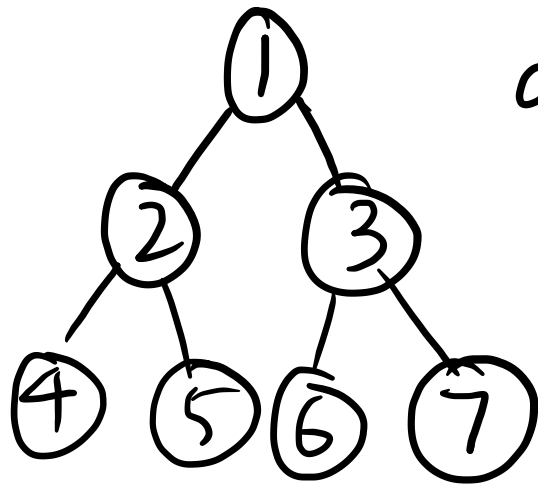
Level Order of Tree



{ { 1 } } result

{ { 2, 3 } }

{ { 4, 5, 6, 7 } } }



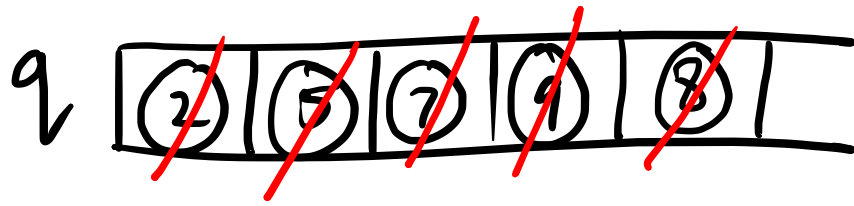
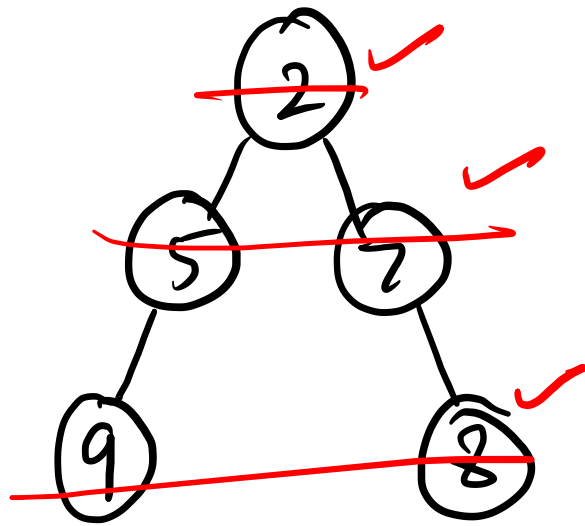
count = 4

→ q.size()

level = { 4, 5, 6, 7 }

{ {1}, {2,3}, {4,5,6,7} }

result



count = 2

level = { 9, 8 }

stop → when q is empty

{ {2}, {5, 7}, {9, 8} }
result

$$\underline{TC = O(n)}$$

$$\underline{SC = O(n)}$$