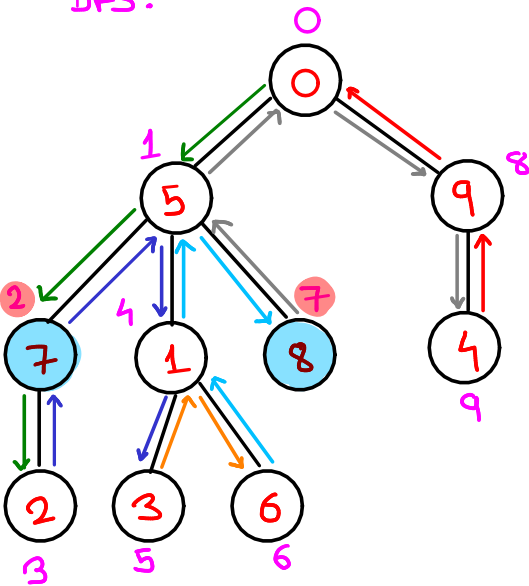


★ New Index By DFS:



★ Such Euler Tour is possible when:

→ index (parent) < index (child)

★ Euler Tour:

0 1 2 3 2 1 4 5 4 6 4 1 7 1 0 8 9 8 0

→ LCA(2,7) = 1 (min value in interval)

→ i.e the range between 1st occ of 2 4 1st occ of 7

★ Hence LCA(7,8) = 5 → Actual Values