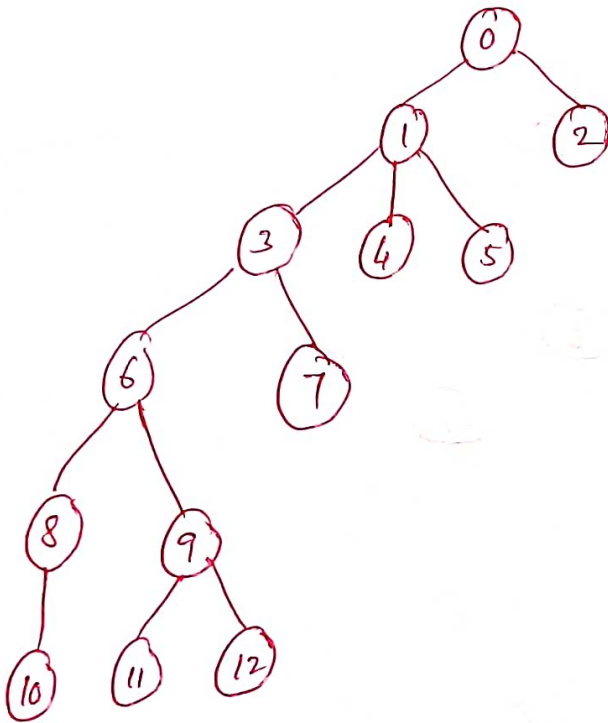


Path Compression:

→ This operation is performed during find.

Eg,



→ In this above tree find (9), perform (call) disjoint set

→ Path to reach '9' is $[0, 1, 3, 6, 9]$

→ all the nodes are connected directly to the root node, after finding '9', disconnected all the subtrees.

