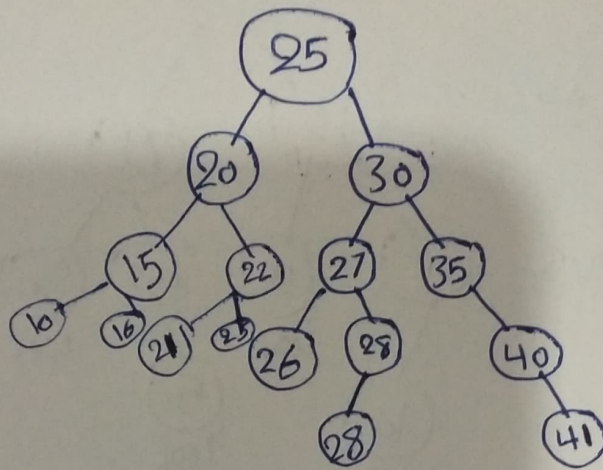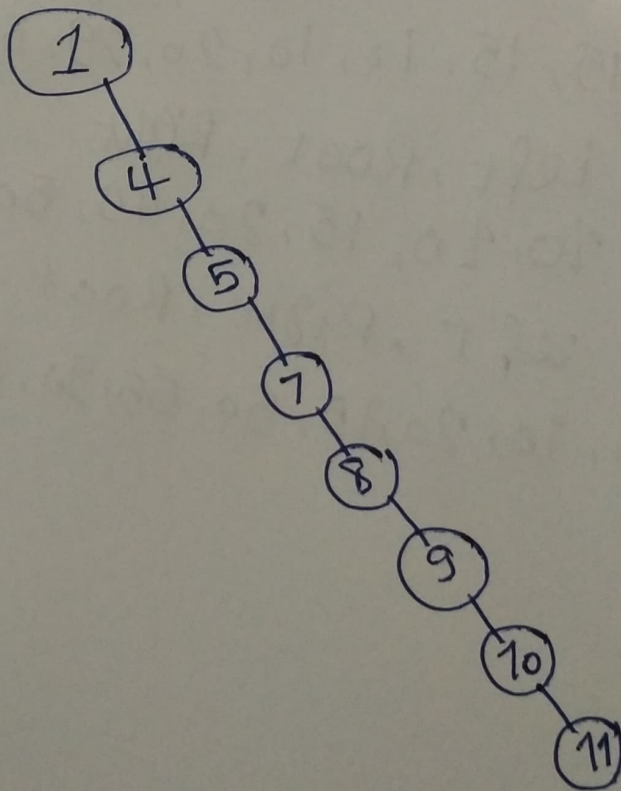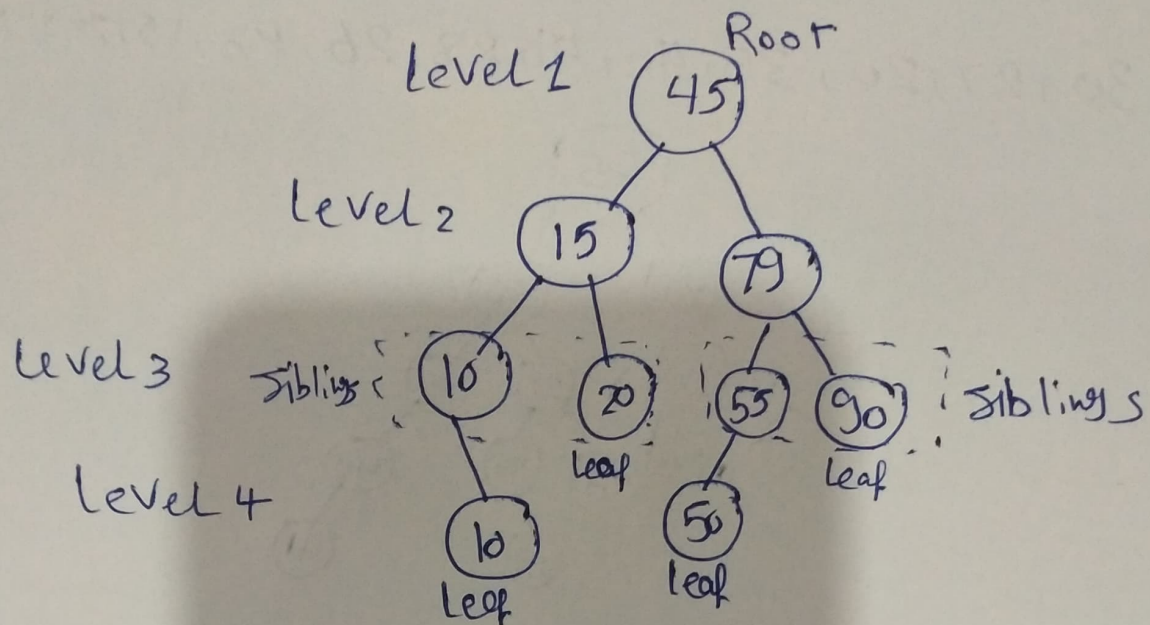a] [25, 30, 27, 20, 35, 40, 41, 28, 26, 28, 15, 22, 21, 16, 10, 25]

b] [1, 4, 5, 7, 8, 9, 10, 11]

b] Without any branching

Root

level 1 — (45)

level 2 — (15) (79)

level 3 — Sibling (10) (20) (55) (90) — siblings

level 4 — (10) (50)

Leaf labels: 20 Leaf, 90 Leaf, 10 Leaf, 50 Leaf

Pre-order: Root, Left, Right
45, 15, 10, 10, 20, 79, 55, 50, 90

In-order: Left, Root, Right
10, 10, 15, 20, 45, 50, 55, 79, 90

Post-order: Left, Right, Root
10, 10, 20, 15, 50, 55, 90, 79, 45