Q1.

1) post < 9, 16, 12, 20, 18, 25, 32, 30, 28, 22 >

in < 9, 12, 16, 18, 20, 22, 25, 28, 30, 32 >

↓

post < 9, 16, 12, 20, 18 > < 25, 32, 30, 28 >

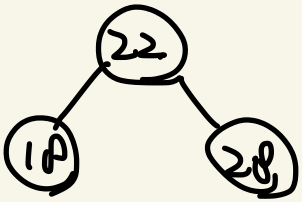
in < 9, 12, 16, 18, 20 > < 25, 28, 30, 32 >

22 ← root

↓

post < 9, 16 12 > < 20 > < 25 > < 32, 30 >

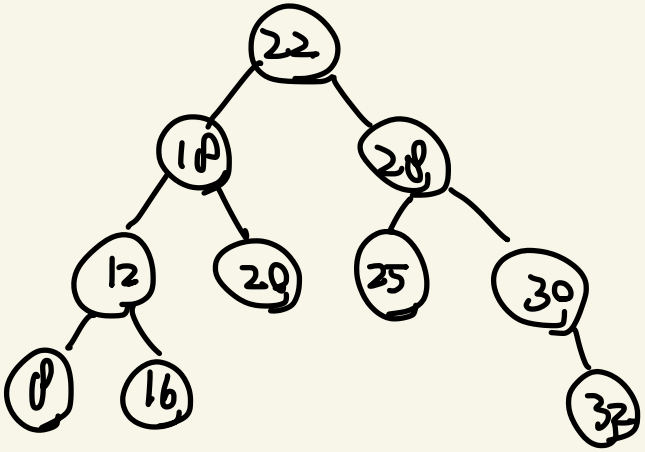
in < 9, 12, 16 > < 20 > < 25 > < 30, 32 >



↓

post < 8 > < 16 > < 32 >

in < 8 > < 16 > < 32 >



2) post< 20, 10, 5, 15, 55, 50, 25, 30, 35 >

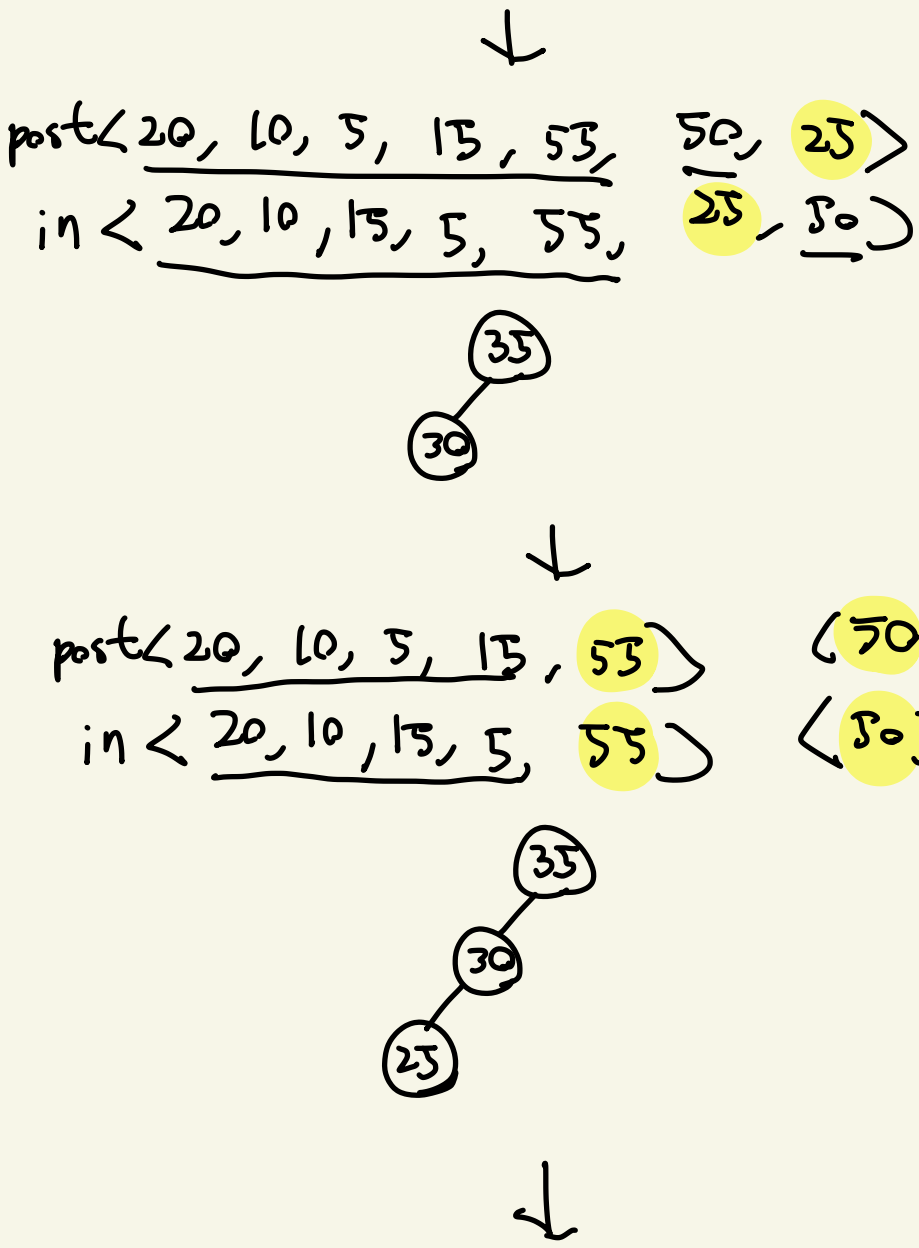
in < 20, 10, 15, 5, 55, 25, 50, 30, 35 >

↓

post< 20, 10, 5, 15, 55, 50, 25, 30 >

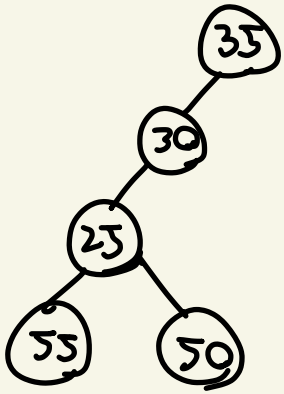
in < 20, 10, 15, 5, 55, 25, 50, 30 >

35 ← root


post< 20, 10, 5, 15, 53, 50, 25 >
in < 20, 10, 15, 5, 55, 25, 50 >
35
30
post< 20, 10, 5, 15, 53 > < 50 >
in < 20, 10, 15, 5, 55 > < 50 >
35
30
25

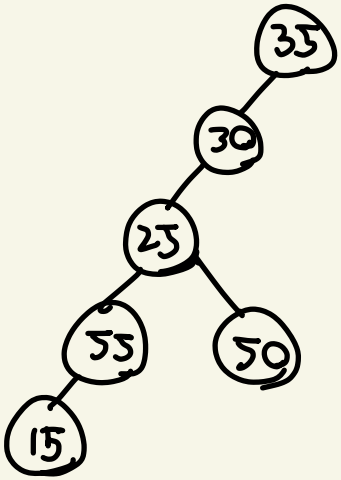
post < 20, 10, 5, 15 >

in < 20, 10, 15, 5 >



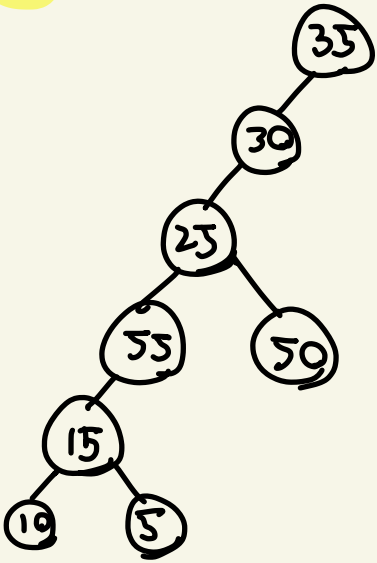
post < 20, 10 > (5)

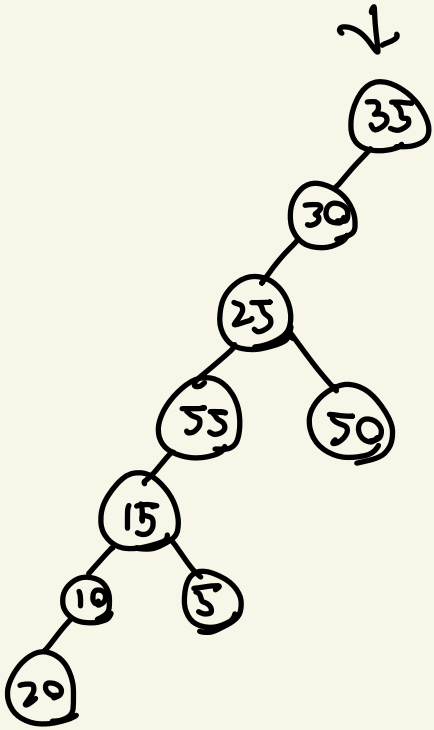
in < 20, 10 > (5)



post < 20 >

in < 20 >

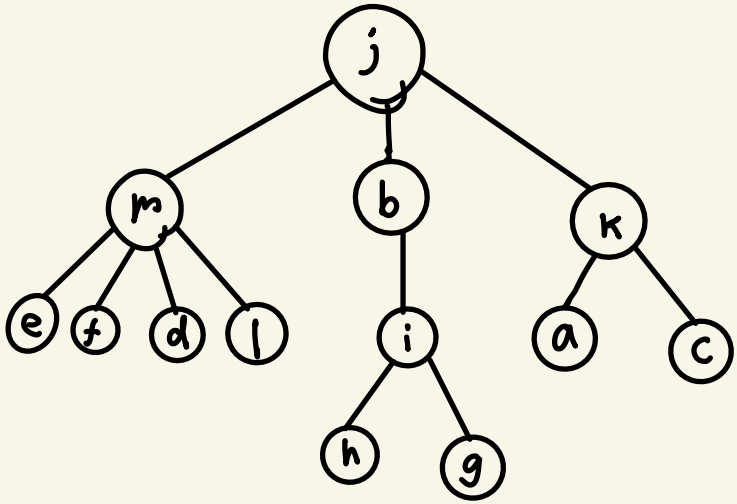
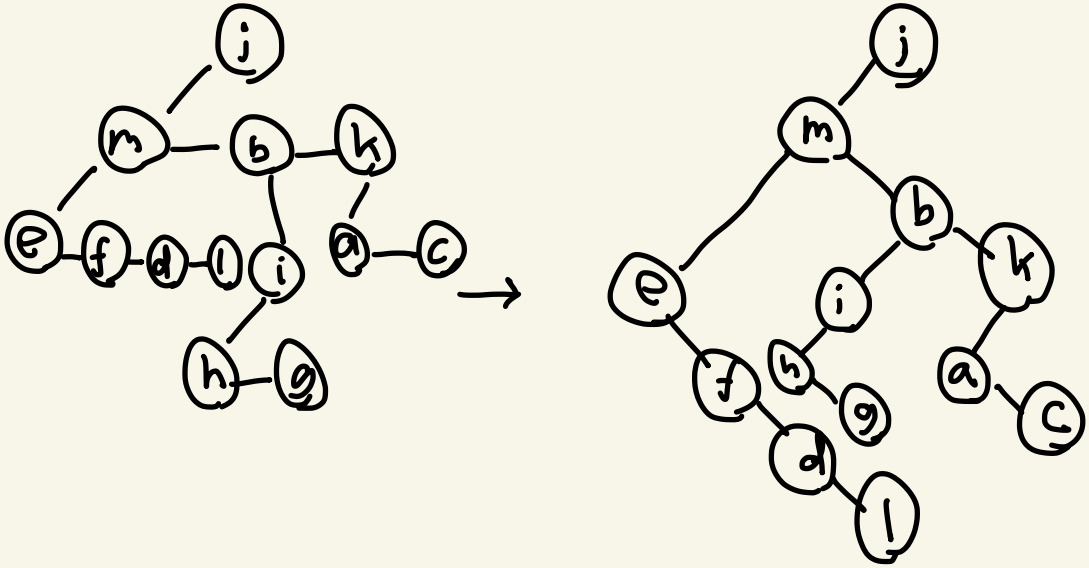




VII

Q2.

1.



2.