

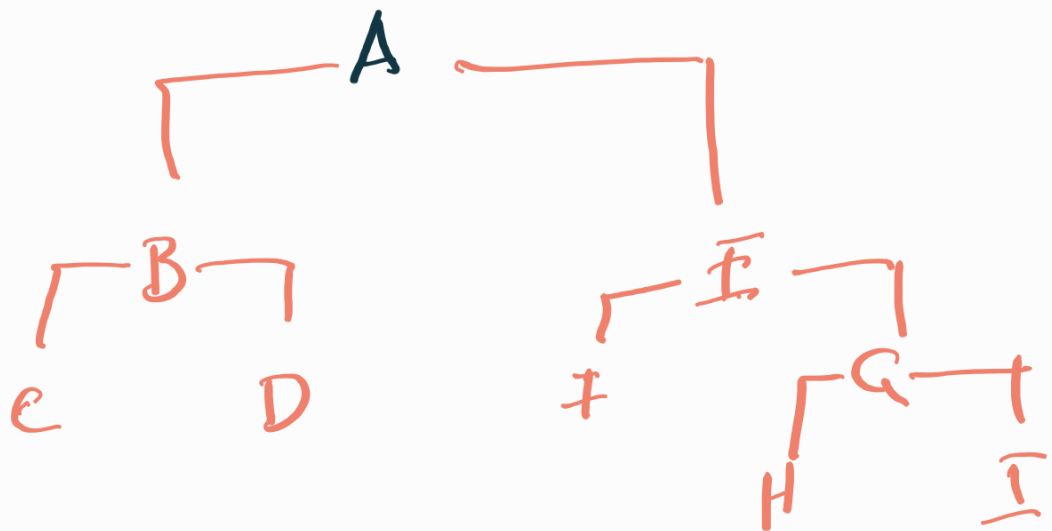
pre = [~~A~~, ~~B~~, C, ~~D~~, ~~E~~, ~~F~~, ~~G~~, ~~H~~, ~~I~~]

in = [C, B, D], ~~A~~, ~~F~~, ~~E~~, ~~H~~, G, ~~I~~

root = pre[0] = in[3]

left = in[:3] ←

right = in[4:] ←



$$A = [0, 1, 2, 3, \dots, 100]$$

$$\text{target} = 73$$

$$l_A = |A|$$

$$1. \text{target} > A[l_A/2]$$

$$B = A[l_A/2+1:]$$

$$2. \text{target} < B[l_B/2]$$

$$B = B[:l_B/2]$$

$\vdots$