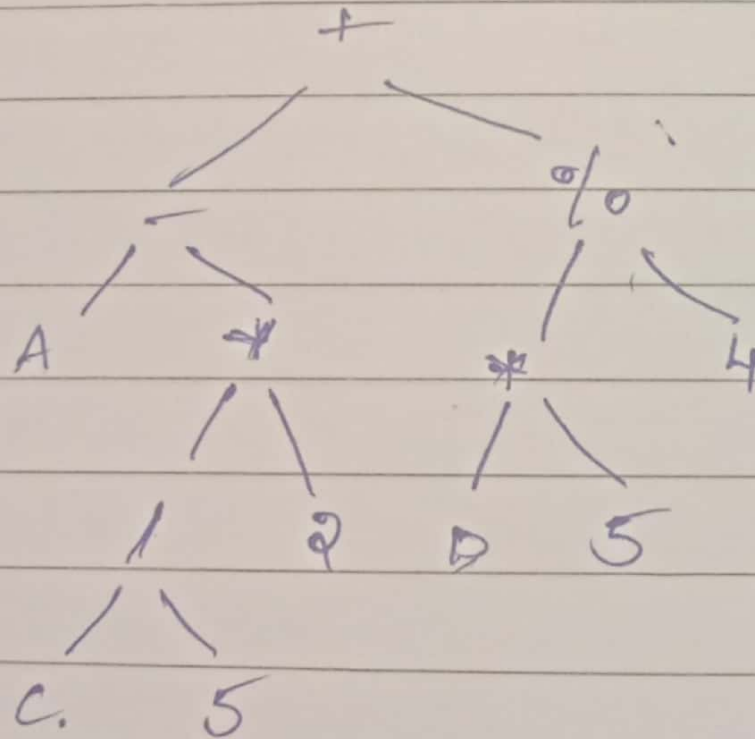


# DAY-8 ASSIGNMENT

- 1) Traverse the expression with Inorder, Preorder and Postorder.



Inorder = L Root R

$A - C / 5 * 2 + D * 5 \% 4$

Preorder = Root Left Right

$+ \div A * / C 5 2 \% * D 5 4$

Post order L R Root

→ D 5 \* 4 0/0

A C 5 / 2 0/0 - D 5 \* 4 0/0 -

2) AB - 4 AH - 8 BH - 11

BC - 8 HI - 7 HG - 1

1-hg IC - 2 IG - 6 CD - 7

2g-f CF - 4 GF - 2 DF - 14

2 i-c FE - 10 DE - 9

4 a-b - 9th Vertices - 14 edges

4 c-f min spanning tree -  $(9 - 1) = 8$  edges

6 i-g

7 e-d

7 h-i

8 b-c

8 a-h

