

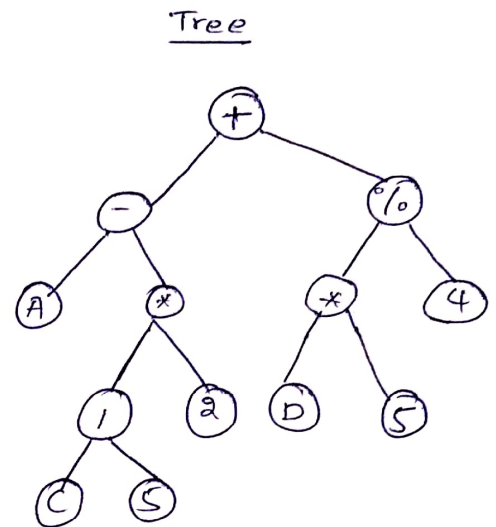
# Assignment Day-8

1, Ans :-

Inorder :  $(A - (C/5) * 2) + ((D * 5) \% 4)$

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

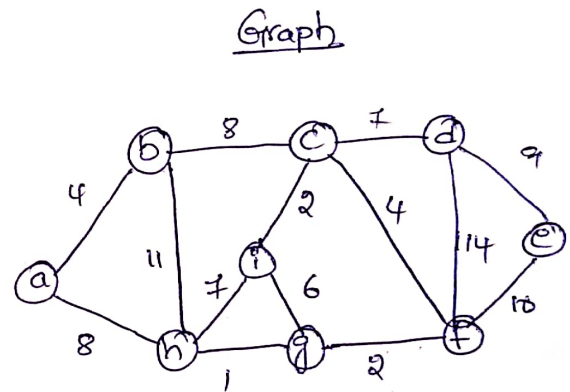
PostOrder :  $A C 5 / 2 * - D 5 * 4 \% +$



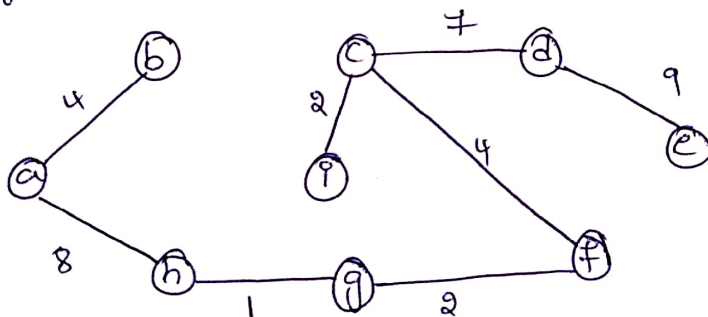
2, Ans :-

Step 1 : Descending order of sides with weight

(h, g) - 1	(i, g) - 6	(d, e) - 9
(g, f) - 2	(c, d) - 7	(e, f) - 10
(c, i) - 2	(h, i) - 7	(b, h) - 11
(c, f) - 4	(b, c) - 8	(d, f) - 14
(a, b) - 4	(a, h) - 8	



Step-2 :



(h, g) - 1 added  
 (g, f) - 2 added  
 (c, i) - 2 added  
 (a, b) - 4 added  
 (c, f) - 4 added  
 (i, g) - 6 not added  
 (c, d) - 7 added  
 (h, i) - 7 not added  
 (b, c) - 8 not added  
 (a, h) - 8 added  
 (d, e) - 9 added  
 (e, f) - 10 not added  
 (b, h) - 11 not added  
 (d, f) - 14 not added