

Name - Abinash Mohanty

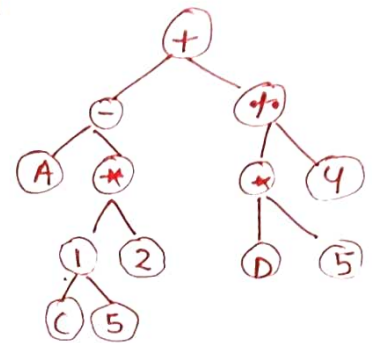
ASSIGNMENT - DAY 7

Ans 10

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

PREORDER - $+ - A * / C 5 2 / * D 5 4$

POSTORDER - $A C 5 / 2 * - D 5 * 4 / +$

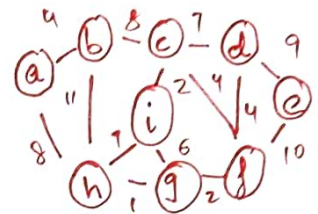


Ans 9.

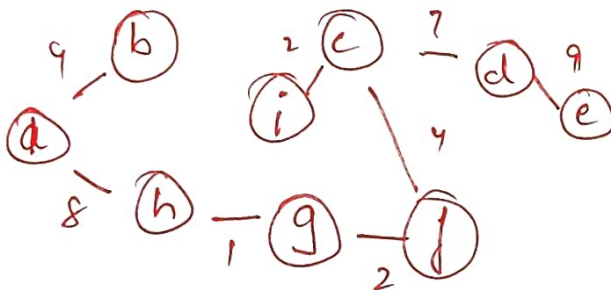
step 1.

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.



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