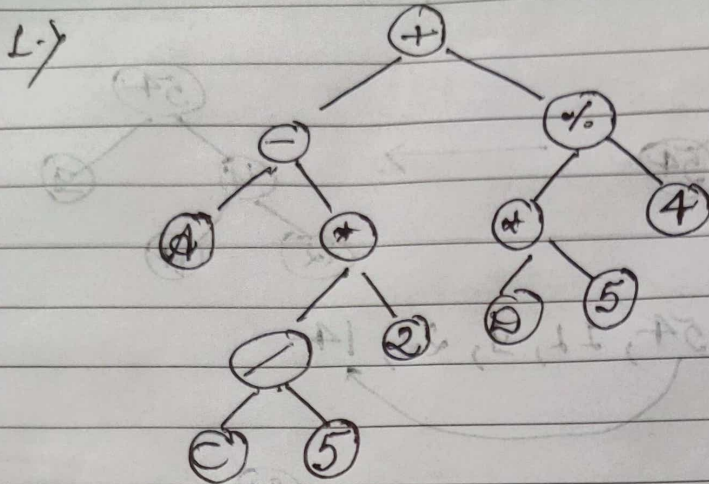


DSA Assignment 2

LRP



Inorder:-

Left subtree traversal:  $A - C/5 * 2$

Right subtree traversal:  $D * 5 \% 4$

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

Preorder:- (Root, L, R)

Left subtree:  $- A * / C 5 2$

Right subtree:  $\% * D 5 4$

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

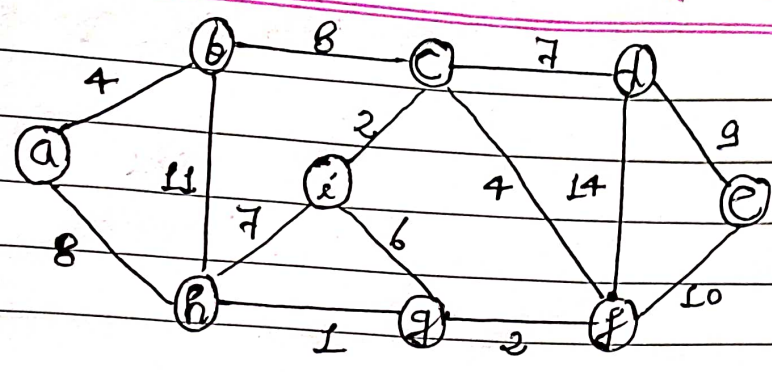
Postorder:- (L, R, Root)

Left subtree:  $A C 5 / 2 * -$

Right subtree:  $D 5 * 4 \%$

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

2.1



Step 1 +

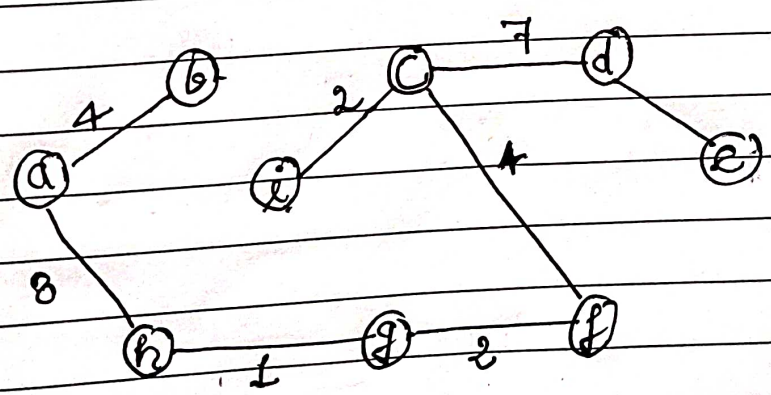
h-g	g-f	i-c	a-b	c-f	ig	ih	cd	ah	bc
1	2	2	4	4	6	7	7	8	8

de	ef	bh	df
9	10	11	14

Step 2 +

hg	gf	ic	ab	cf	ig	<del>ih</del>	cd	ah	<del>bc</del>
1	2	2	4	4	6	<del>7</del>	7	8	<del>8</del>

de	<del>ef</del>	<del>bh</del>	<del>df</del>
9	<del>10</del>	<del>11</del>	<del>14</del>



Minimum Spanning Tree