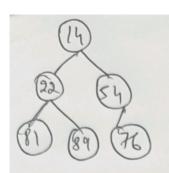
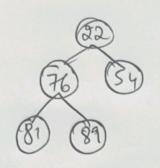
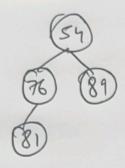
In the given graph, visit the nodes with their weights using kruskal's algorithm. Traverse it step by step. cd ci cf de df ef gf gh gi hi 7 2 4 9 14 10 2 1 6 7 Step) ci fg ab ef gi hi cd be ah de ef bh df Minimum heapfort Initial array [81,89,0,11,14,76,54,22] [81, 11, 54, 22, 14, 76, 89, 9] Heapity - [81, 11, 54, 22, 14, 76, 89] [89,22,54,81,14, 76,4,9] Keapify - [89, 22, 54, 81, 14, 76]



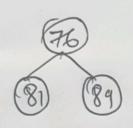
[76,22,54,81,89,14,1,9] Neapify-[76,22,54,8),89]



[89, 76, 54, 81, 22, 14, 11, 9] Heapify - [89, 76, 54, 81]



[81, 76,89, 54, 22, 14, 11,9] Meapify - [81, 76,89]



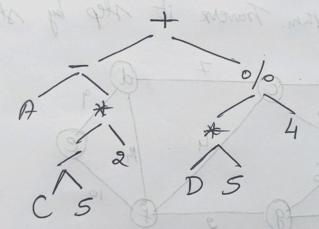
[89, 81, 76,54, 22, 14, 11,9] heapify-[89,81]



[89, 81, 76, 54, 22, 14, 41,9]

Sorted array - [9,11,14, 22, 54, 76, 81, 89]

Traverse the given expression free with inorder, preorder & portorder



Inorder Trowersal: A-C15+2+D*5-1.4

Preorder Travellal: +-A x / CS 2010 # D54

Portorder Traversal: AC5/2 x- D5 x 4.1.+