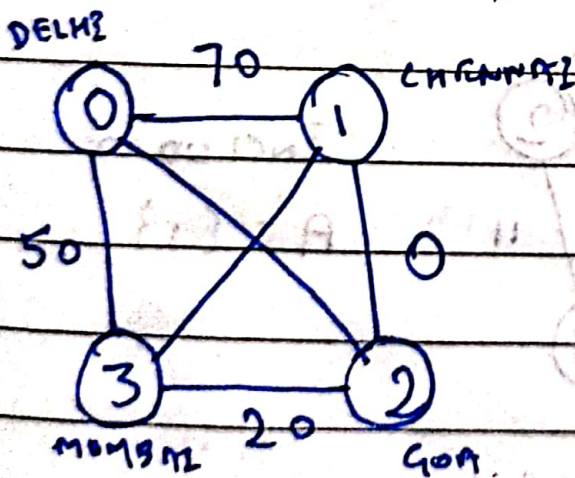


## Calculating Spanning tree Cost & Minimum Spanning Tree:

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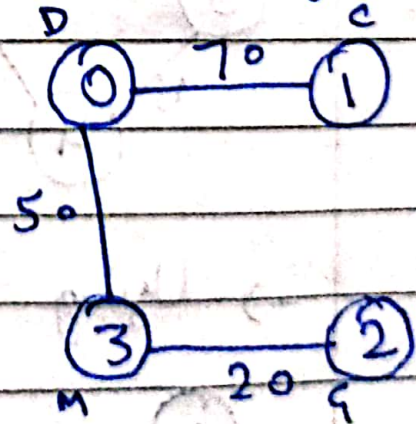
→ The cost of the spanning tree is the sum of the weights of all the edges in the tree.

→ A minimum spanning tree is the spanning tree with minimum cost.



=>

Spanning Tree:



Cost for Chennai to Goa  $\Rightarrow 70 + 50 + 20$   
 $\Rightarrow 140$