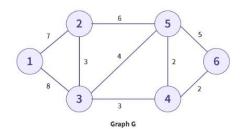
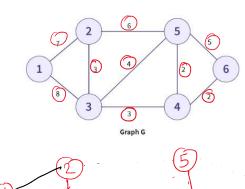
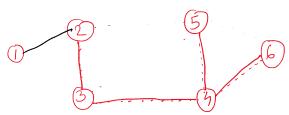


Kruskal's algorithm is a greedy algorithm in graph theory that is used to find the Minimum spanning tree.



- Sort all the edges of the graph in ascending order of their weights. Sort all the edge with minimum weight, if including it in the answer forms a cycle discard it, otherwise include it in the answer. Repeat the above step until we have chosen V-1 edges.





Node A	Node B	weight
5	4	2/
4	6	2/
2	3	3/
3	4	3/ (2)
3	5	4 × (Cyll)
5	6	5 x (yu)
2	5	6. × (vyde).
٢	2	7
1	3	8
Miprimum Deign = 17.		