LAB- 13 **Marks- 10**

Task: Implement Kruskal's Algorithm to find the Minimum Spanning Tree (MST) for an undirected, unweighted graph.

1. Implement Adjacency List for an Undirected Weighted graph
2. Implement Kruskal's Algorithm

Sample Input and Output:

Sample Input 1:

Number of vertices: 4

Edges:

- (0,1,10)
- (0,2,6)
- (0,3,5)
- (1,3,15)
- (2,3,4)

Output 1:
Total weight of MST: 19

Sample Input 2:

Number of Vertices: 5

Edges:

- (0,1,2)
- (0,3,6)
- (1,2,3)
- (1,3,8)
- (1,4,5)
- (2,4,7)
- (3,4,9)

Output 2:
Total weight of MST: 17