B2_Assignment 6: Data Structures Div. A

Sr. No	Problem statement	Roll Nos	
1	**Write a Program to accept a graph from user and represent it with Adjacency Matrix and perform BFS and DFS traversals on it**	2	66
2	Write a Program to implement Prims algorithm to find minimum spanning tree of a user defined graph. Use Adjacency List to represent a graph.	8	63
3	Write a Program to implement Kruskals algorithm to find minimum spanning tree of a user defined graph. Use Adjacency List to represent a graph.	55	64
4	**Write a Program to implement Dijkstra's algorithm to find shortest distance between two nodes of a user defined graph. Use Adjacency List to represent a graph.**	58	65
5	**Write a Program to accept a graph from user and represent it with Adjacency List and perform BFS and DFS traversals on it.**	59	67
6	**Write a Program to implement Kruskals algorithm to find minimum spanning tree of a user defined graph. Use Adjacency Matrix to represent a graph.**	61	12
7	**Write a Program to implement Dijkstra's algorithm to find shortest distance between two nodes of a user defined graph. Use Adjacency Matrix to represent a graph.**	68	7
8	**Write a Program to implement Prims algorithm to find minimum spanning tree of a user defined graph. Use Adjacency List to represent a graph.**	69	38
9	**Write a Program to implement Kruskals algorithm to find minimum spanning tree of a user defined graph. Use Adjacency List to represent a graph.**	70	48
10	**Write a Program to implement Dijkstras algorithm to find shortest distance between two nodes of a user defined graph. Use Adjacency List to represent a graph.**	72	45
11	**Write a Program to implement Prims algorithm to find minimum spanning tree of a user defined graph. Use Adjacency Matrix to represent a graph.**	62	49
12	Write a program to compute longest path from the given weighted graph using adjacency matrix	51	
13	Write a program to compute longest path from the given weighted graph using adjacency list	15	