

DATA STRUCTURE AND PROGRAM DESIGN LAB-08

Write a program to implement kruskals algorithm in order to find minimum spanning tree of a connected weighted and undirected graph

SAMPLE OUTPUT:

```
9
10 struct Subset {
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\Ankush\OneDrive\Desktop\DSPD-LAB> gcc Practical-8.c
PS C:\Users\Ankush\OneDrive\Desktop\DSPD-LAB> ./a.exe
Enter number of vertices: 3
Enter adjacency matrix (0 for no edge):
2 3 5
6 7 8
2 3 4

Edges in the Minimum Spanning Tree:
0 -- 1 Weight: 3
0 -- 2 Weight: 5

Total weight of MST = 8
PS C:\Users\Ankush\OneDrive\Desktop\DSPD-LAB> 
```