Representation of all minimum spanning trees for a graph with 6 vertices and 9 edges
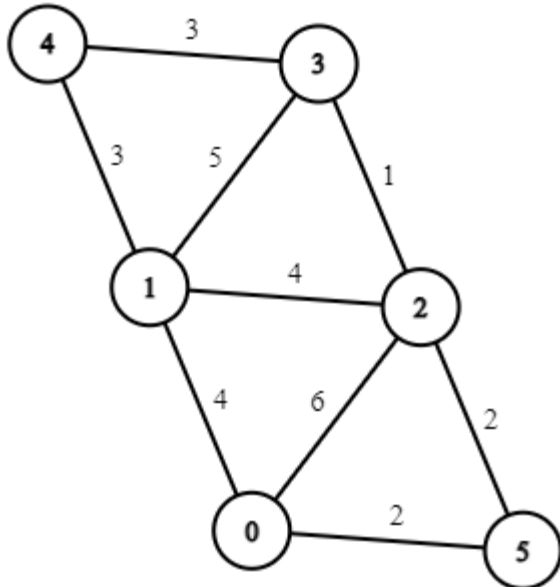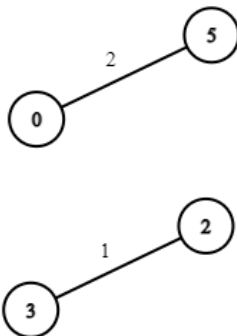

The input file:

6 9
0 1 4
1 4 3
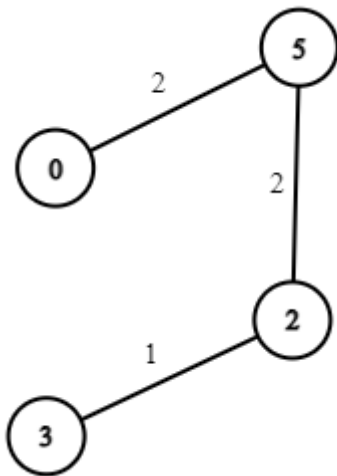4 3 3
1 3 5
1 2 4
2 3 1
2 5 2
0 2 6
0 5 2

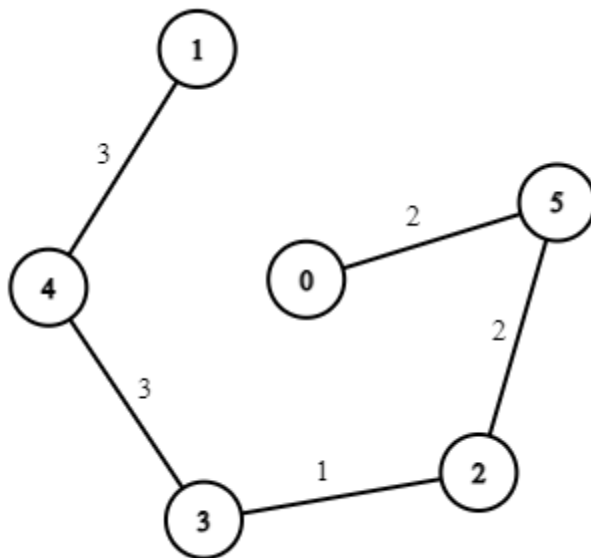Step 1: Add edge (2,3,1) => Cost is 1

Step 2: Add edge (0,5,2) => Cost is 3

Step 3: Add edge (2,5,2) => Cost is 5

Step 4: Add edge (4,3,3) => Cost is 11

The minimum cost is: 11