Reverse-delete algorithm. Develop an implementation that computes the MST as follows: Start with a graph containing all of the edges. Then repeatedly go through the edges in decreasing order of weight. For each edge, check if deleting that edge will disconnect the graph; if not, delete it. Prove that this algorithm computes the MST.

Input:
First Line indicates the number of the Vertices (V).
Second Line indicates the number of the Edges (E).
Next E lines contains 3 integers which are separated by space.

Output:
Print edges in ascending order of their weights.

Sample Input:
4
5
0 1 10
0 2 6
0 3 5
1 3 15
2 3 4

Sample Output:
2-3 4
0-3 5
0-1 10