Reverse Delete Algorithm

4.3.24: **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 Format:**

* The first line of the input contains the number of vertices (V).
* The second line of the input contains the number of edges (E).
* Next E lines contains 3 integers which are separated by spaces ( )

**Output Format:**

* Print each edge of the MST in a separated line in ascending order of weights. (Edges are separated by hyphen (-) and edge and its weight are separated by spaces. (Check for the sample output).

**Constraints:**

* 1 ≤ T ≤ 5. (Test Cases)

**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