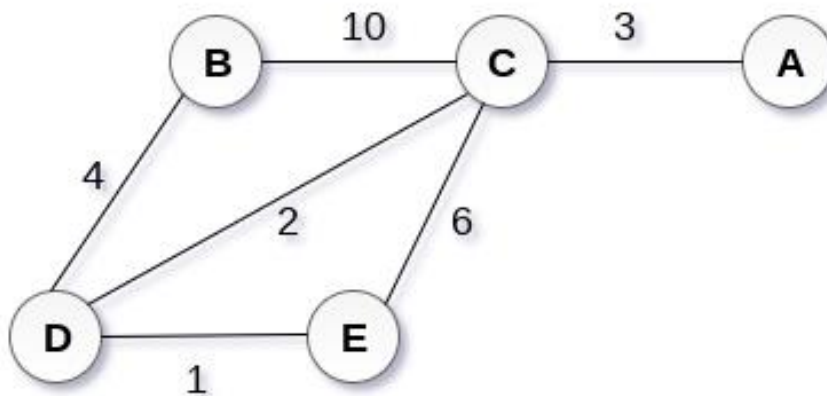


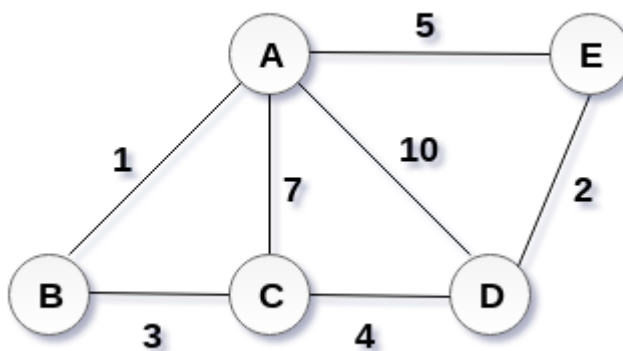
LAB-7

You are supposed to finish two questions. Question 3 is compulsory.

Question 1: - Construct a minimum spanning tree of the graph given in the following figure by using prim's algorithm.



Question 2: - Apply the Kruskal's algorithm on the graph given as follows.



Question 3: - Given a graph with N-vertices connected randomly with each other (take any example). Find at least two spanning trees (use the value of $n > 10$)