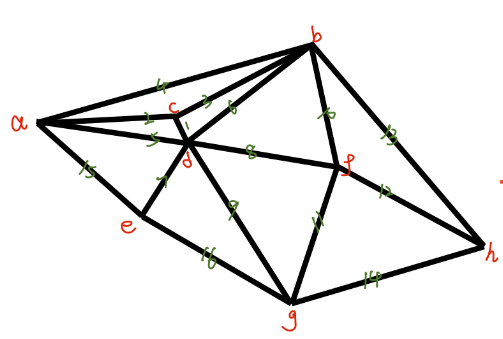
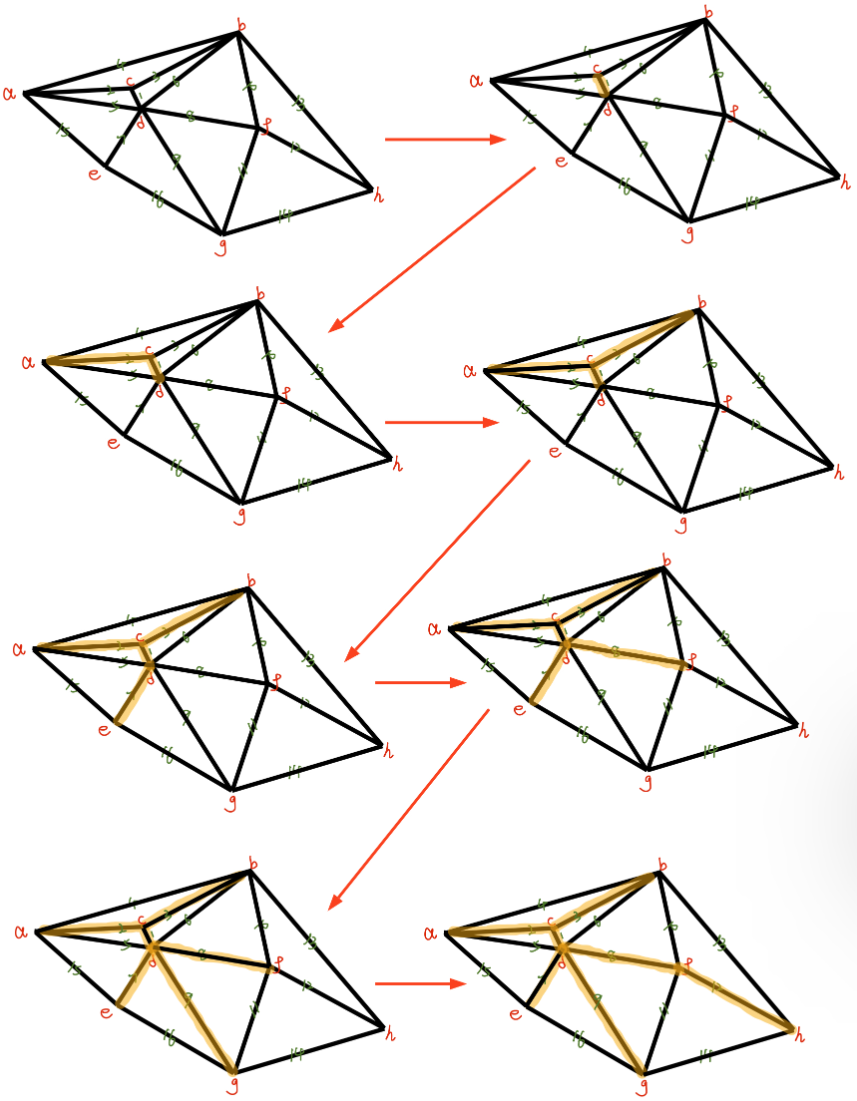


We set a Graph like this:

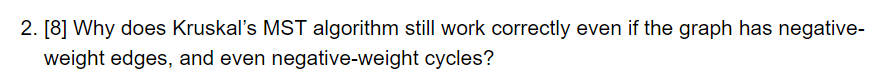


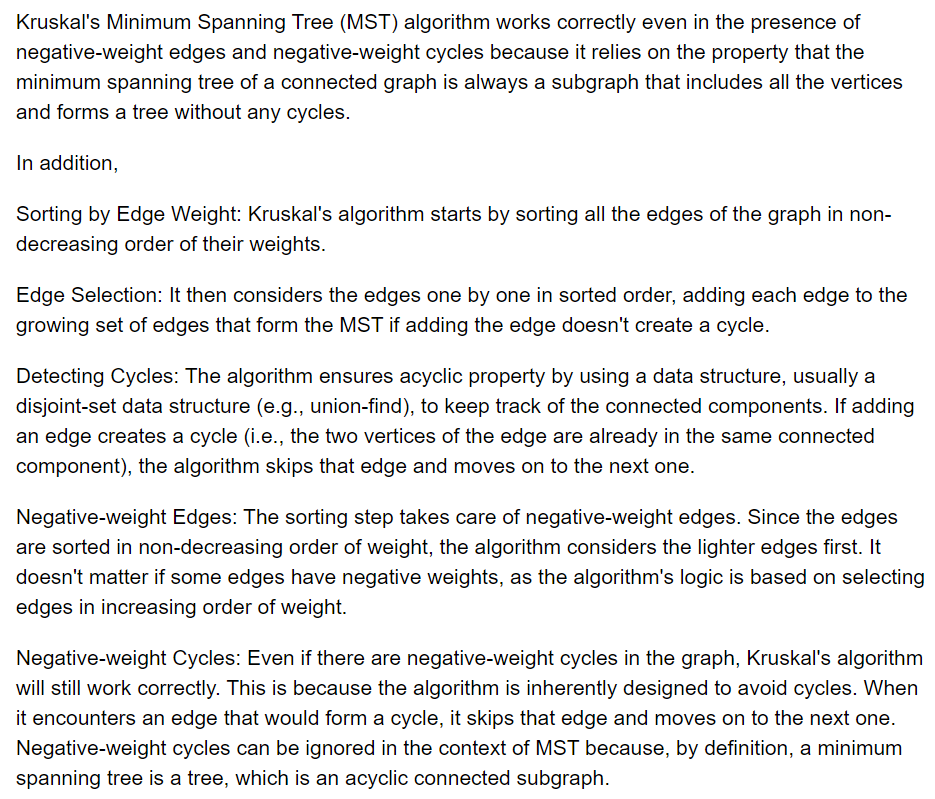
And then I will show the execution of Kruskal’s MST Algo.

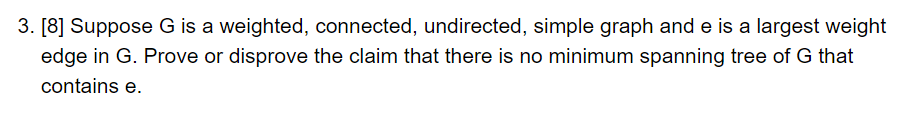
The green number is edge weight.

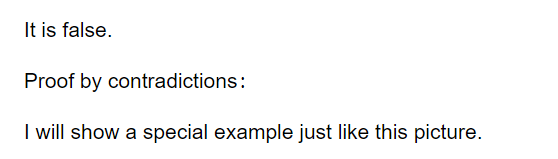


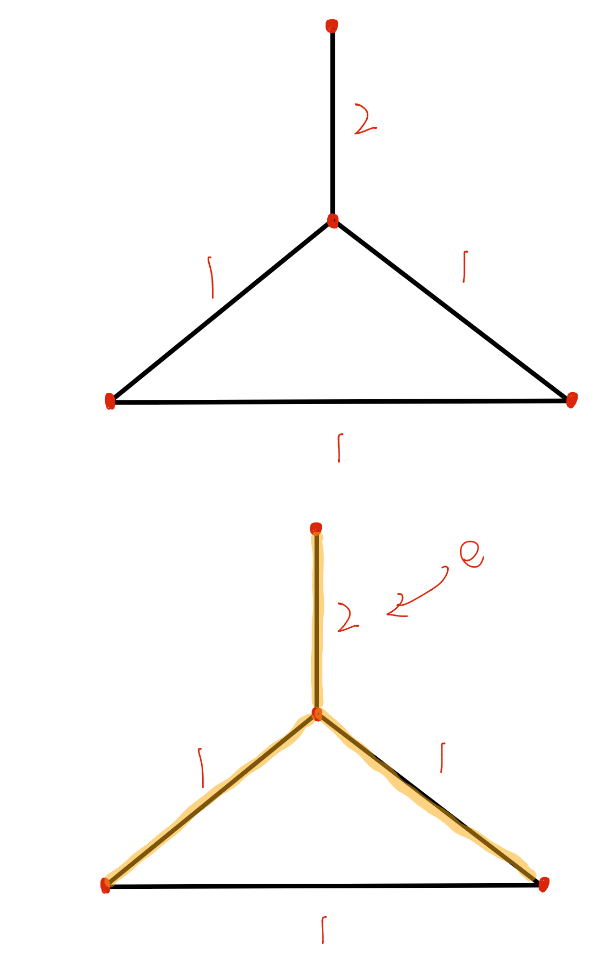
The yellow tree in picture is minimum spanning tree, and total weight is 1 + 2 + 3 + 7 + 8 + 9 + 12 = 42.

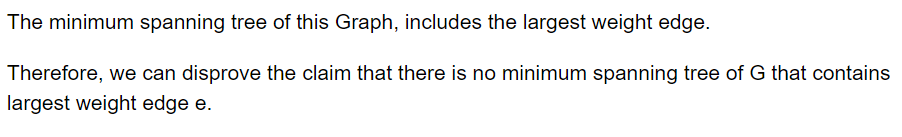


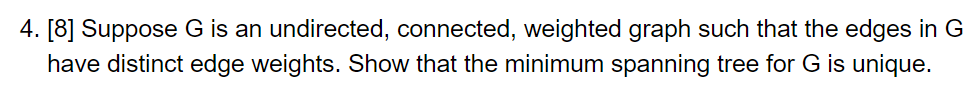


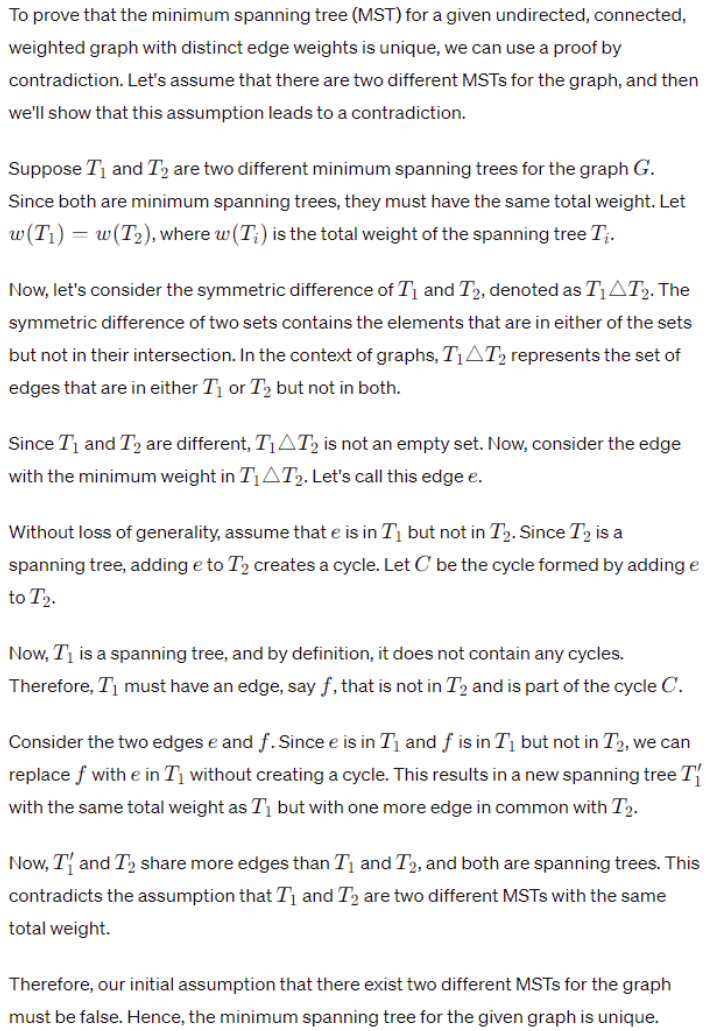


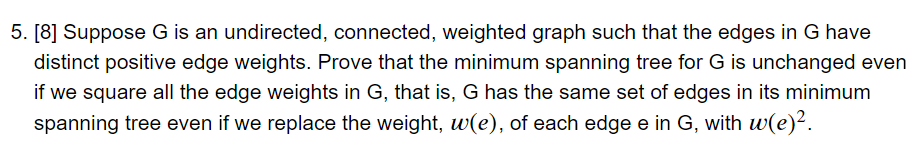


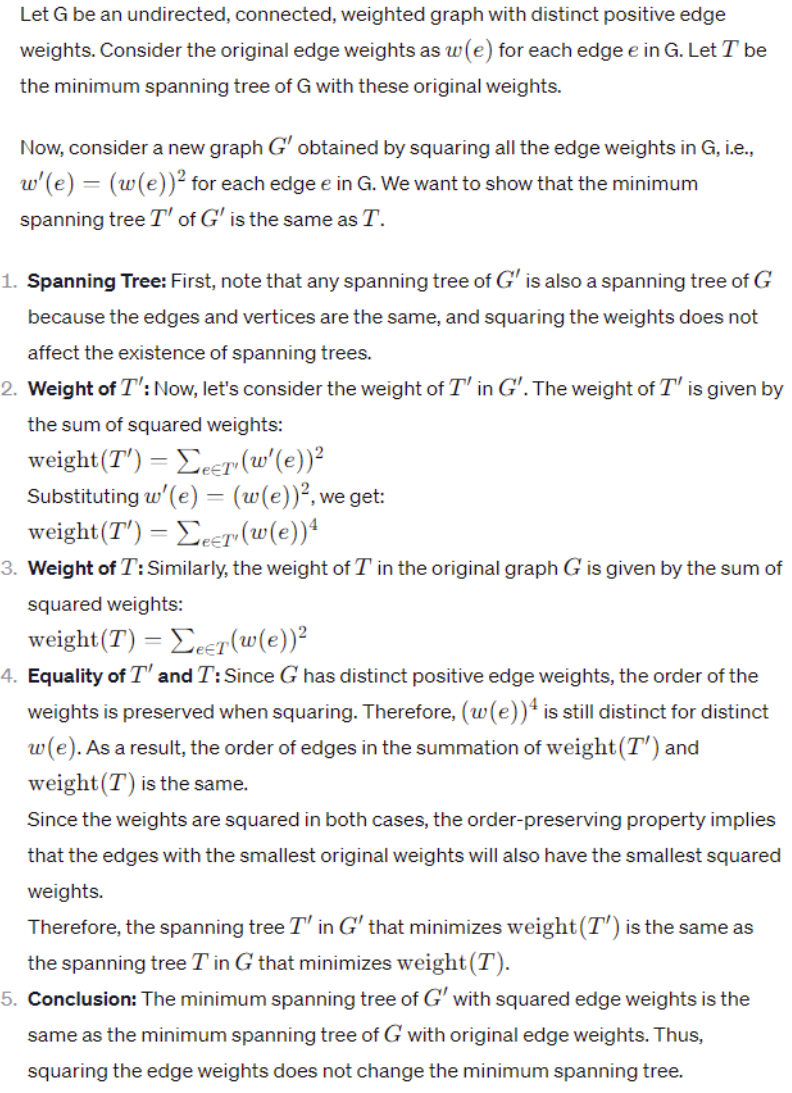


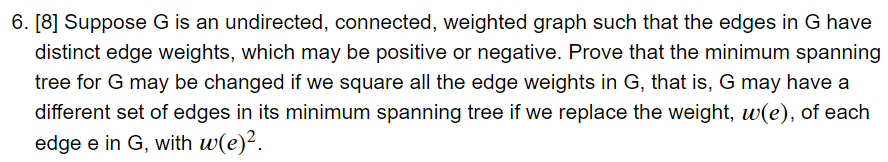




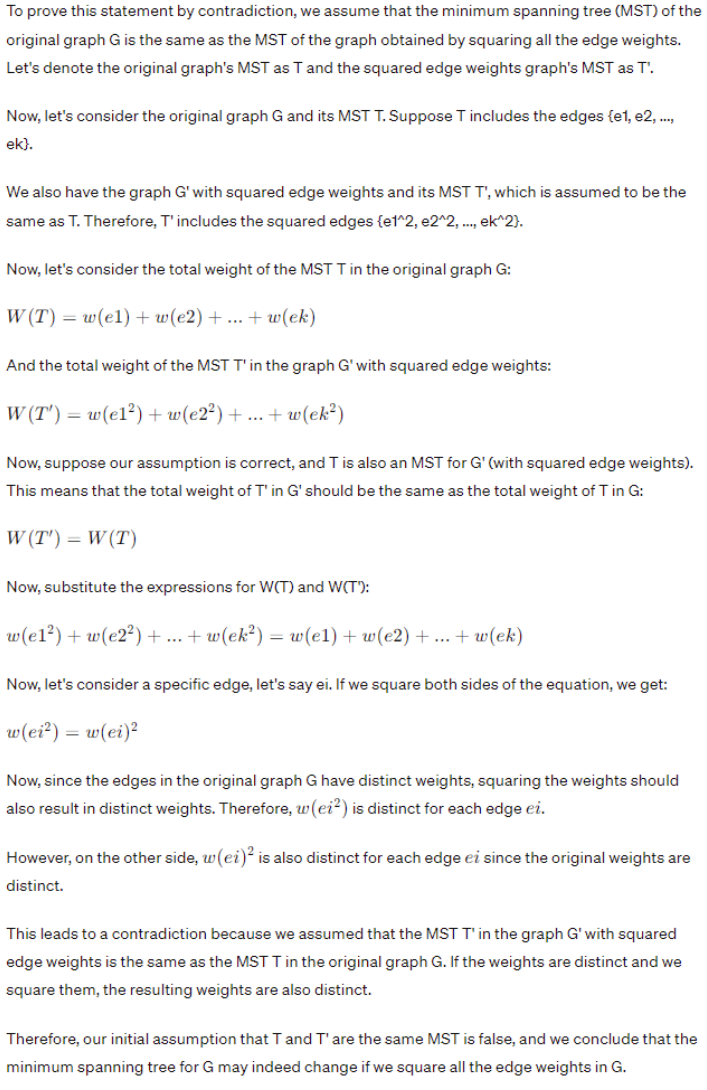


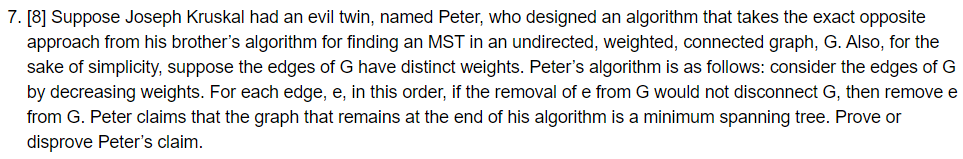


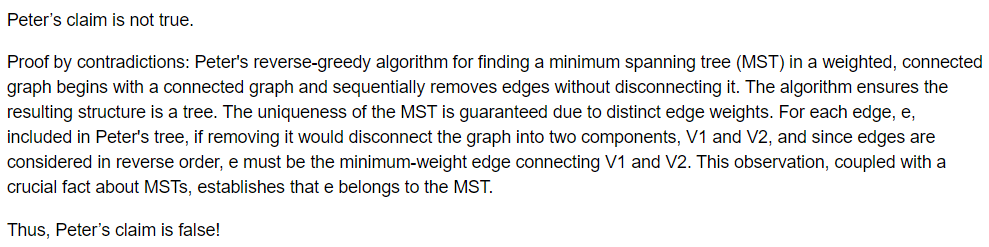


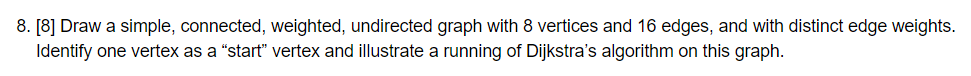


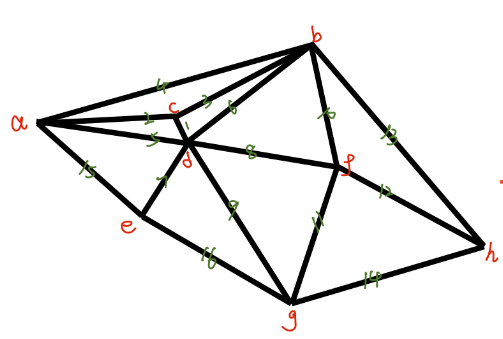






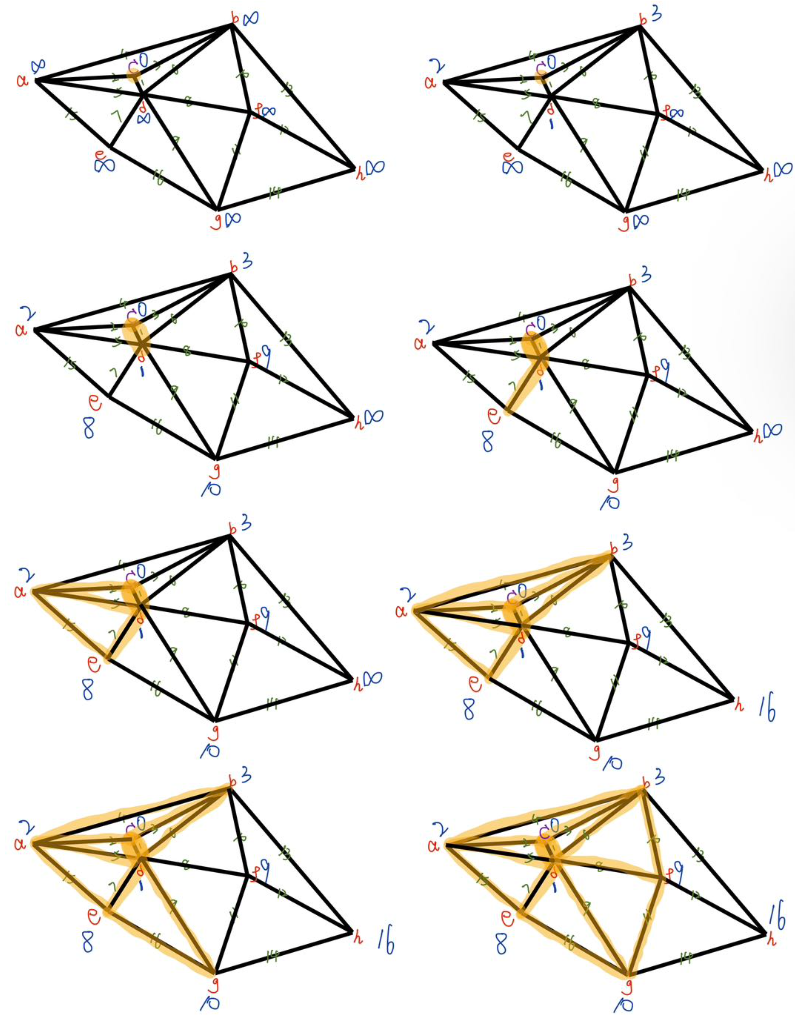


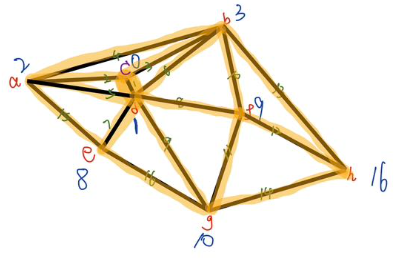




We set a Graph like this.

The start vertex is vertex c.





The yellow is the cloud.

The green number is the weight of edge.

The blue number is the distance from start vertex to current vertex.

