**Graph Theory Project proposal**

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**Kruskal Algorithm for both connected and disconnected graphs**

**Programming Language** :

Python

**Visualization** :

MatPlotLib + Tkinter

**Aspirations** :

Code for Kruskal Algorithm for connected graphs could be found anywhere. We decided to do value addition by doing it for unconnected graph as well.

**Functions :**

1) You can define number of vertices

2) You can add edge with specifying weight

3) You can remove edge

4) You can calculate minimum spanning tree/ forest

5) You can clear the graph to make new graph

6) You can quit to destroy the window