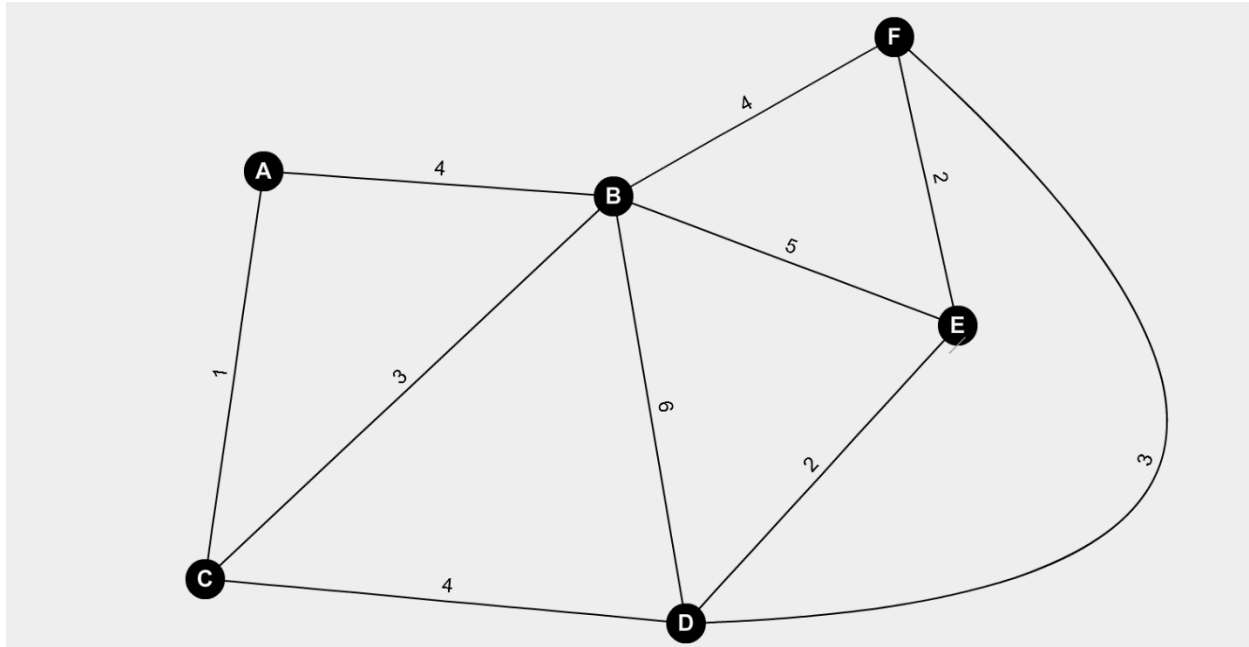# CSC255 Lab5 Kruskal's Algorithm Example

For Example Graph


```
vertices A=0, B=1,C=2,D=3,E=4,F=5
Graph edges: vertice1, vertice2, weight of the edge

edge: 0, 1, 4
edge: 0, 2, 1
edge: 1, 2, 3
edge: 1, 3, 6
edge: 1, 4, 5
edge: 1, 5, 4
edge: 2, 3, 4
edge: 3, 4, 2
edge: 3, 5, 3
edge: 4, 5, 2

Kruskal spanning tree edges: vertice1, vertice2, weight of the edge

edge: 0, 2, 1
edge: 3, 4, 2
edge: 4, 5, 2
edge: 1, 2, 3
edge: 1, 5, 4

Kruskal spanning tree weight is 12
```