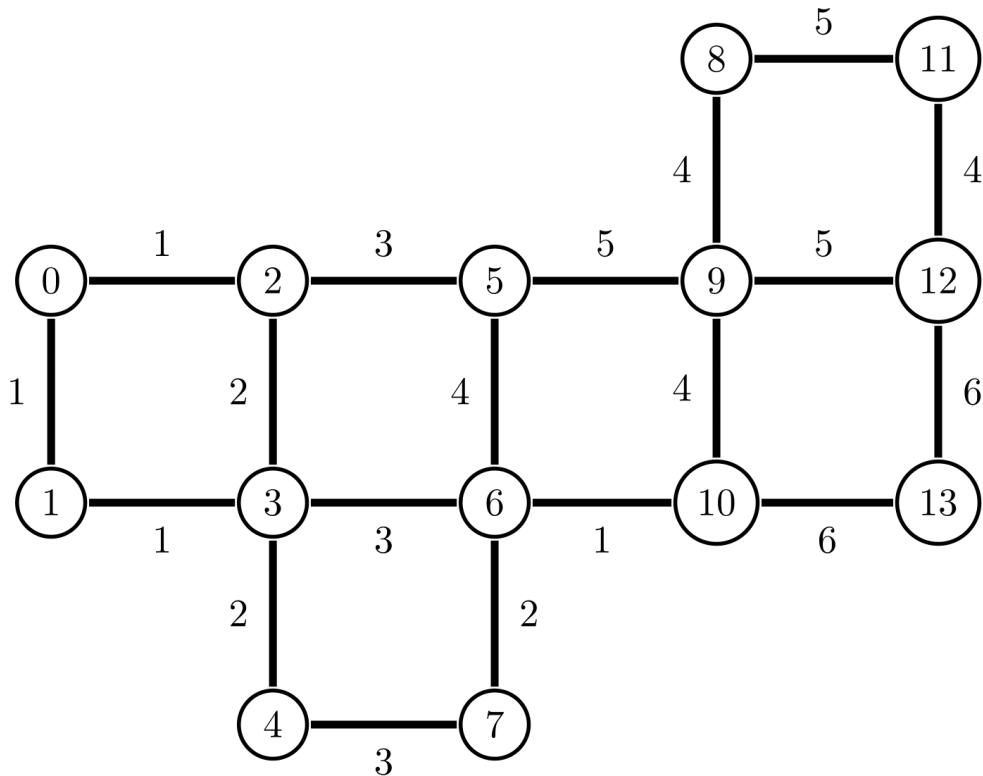


# Kruskal's algorithm → Applying the algorithm

Medium 5 minutes ?

238 users solved this problem. Latest completion was about 9 hours ago.

Given below is an undirected weighted connected graph:



Find a **maximum** spanning tree in the graph (i.e, a spanning tree having the maximum possible weight among all other spanning trees in the graph) using Kruskal's algorithm. Print your answer to the field below in the following format:

```
1 13
2 1 2
3 2 3
4 3 4
```

The number in the first line is the total weight of a maximum spanning tree, the remaining lines are edges, each edge on a separate line.

Report a typo

Enter a short text

```
48
1 0
0 2
2 5
5 6
6 3
3 4
4 7
5 9
9 8
8 11
```

✓ Correct.

28 users liked this problem. 2 didn't like it. What about you?



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