

Algorithms → Graphs → [Kruskal's algorithm](#)

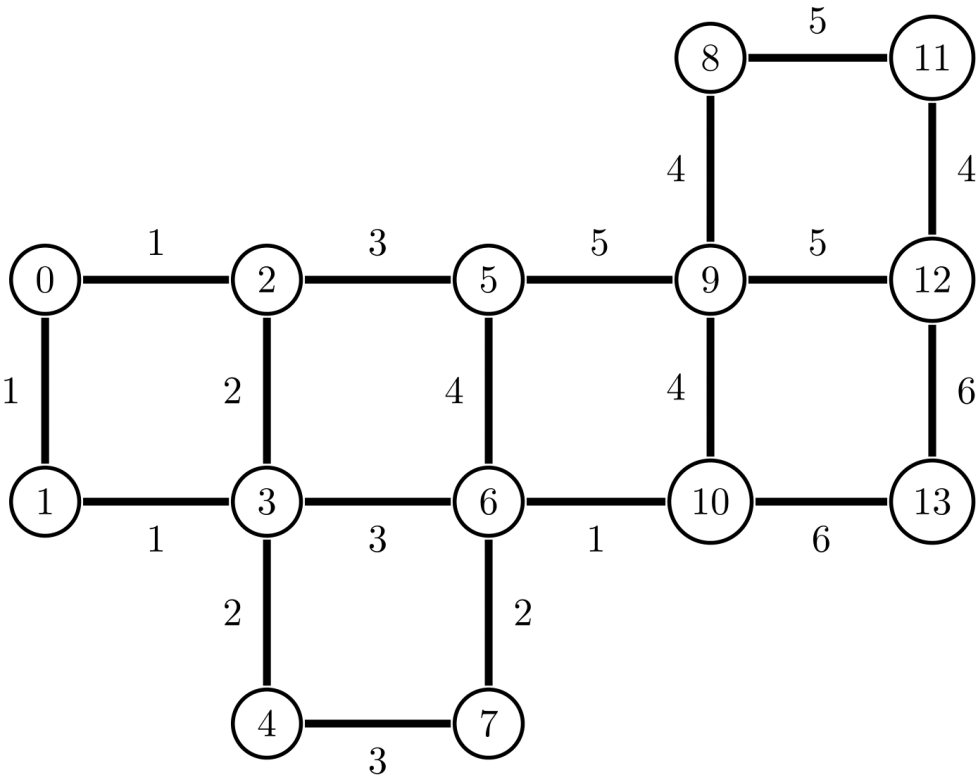
Kruskal's algorithm → Applying the algorithm

Medium 5 minutes

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Practice 2 # Applying Kruskal's algorithm

Given below is an undirected weighted connected graph:



Find a minimum spanning tree 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 minimum spanning tree, the remaining lines are edges, each edge on a separate line.

Report a typo

Enter a short text

```
37
5 2
2 0
0 1
1 3
3 4
3 6
6 7
6 10
10 13
10 9
```

✓ Correct.

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