

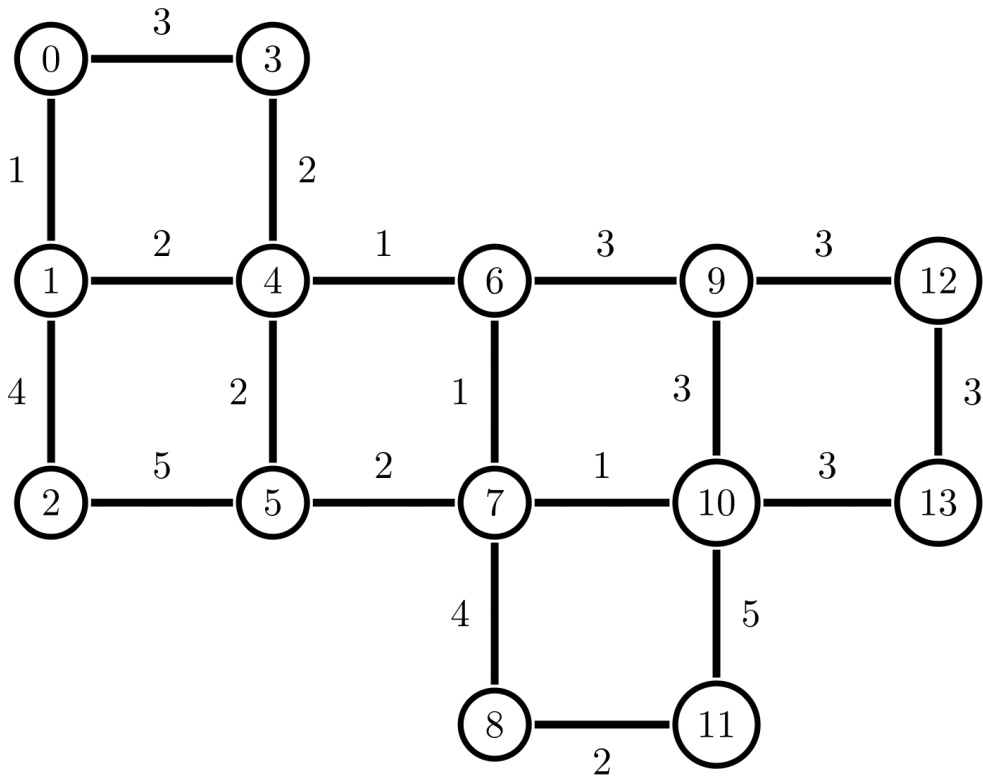
Algorithms → Graphs → [Prim's algorithm](#)

# Prim's algorithm → Applying the algorithm

Medium 6 minutes ?

240 users solved this problem. Latest completion was 2 days ago.

Given below is an undirected weighted connected graph:



Find a minimum spanning tree in the graph using Prim's algorithm. Print your answer to the field below in the following format:

```
1 | 13
2 | 0 1
3 | 1 2
4 | 2 3
```

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

Report a typo

Enter a short text

```
29
0 1
1 4
1 2
4 3
4 5
4 6
6 7
7 10
6 9
7 8
```

Correct.

29 users liked this problem. 4 didn't like it. What about you?



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