





















Tents and Trees

You get a grid that represents a campsite. There are a number of trees on the campsite. You as a campsite manager must find a spot for the tent of each visitor that meets the following requirements:

- A tree must be immediately next to each tent (diagonal is not allowed).
- In total there are as many tents as trees. So every tent has its own tree.
- The numbers outside the grid indicate how many tents there are in the relevant row or column.
- Tents never touch each other: neither horizontally nor vertically nor diagonally.
- A tent can make contact with multiple trees, but is only connected to one.

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|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 3 |
| 3 | | | | | | | | | | |
| 1 |  | | | | | |  | | |  |
| 1 | | | | |  | | | | | |
| 3 | |  | | | | |  | | | |
| 1 | | | | |  | | | | |  |
| 3 |  |  | | | |  | | |  | |
| 2 | | | |  | | | |  | | |
| 2 | |  | | | | | | | |  |
| 0 | | |  | | | | | |  | |
| 4 | |  | | | | |  | | | |