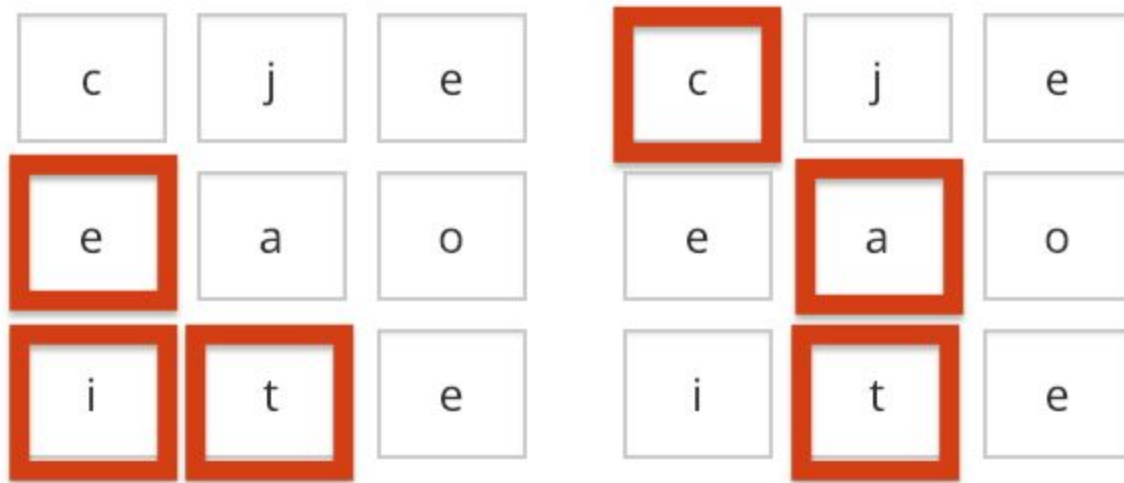


Given an N x N grid, find all the possible words formed in Boggle.

The rules of Boggle:

- The letters must be adjoining in a 'chain'. (Letter cubes in the chain may be adjacent horizontally, vertically, or diagonally.)
- Words must contain at least three letters.
- No letter cube may be used more than once within a single word.



The above examples show “tie” and “cat” as valid words.

Input file format example:

```
3
c j e
e a o
i t e
```

The number signifies the N, in NxN grid and the rest of the N lines represent the grid. Please use [this dictionary file](#) for valid words.

Your submission will be evaluated on code quality, organization, and performance. Please link us to your Github project or attach a zip.