Coding Exercise

R	A	E	L
M	O	F	S
T	E	O	K
N	A	T	I

On a 4x4 board, find words that can be formed by a sequence of adjacent (top, bottom, left, right, diagonal) letters. Words must be 3 or more letters.

You may move to any of 8 adjacent letters, however, a word should not have multiple instances of the same cell.

NOTES

The above is an example board. Your solution should accept any board layout of letters.

To check if a string is a valid word you may implement a naive dictionary solution for simplicity.

This is meant to be open ended. The only requirement is that the code is easily reviewable by the Tech Screener on your next interview.

If that goes well, we can move into an onsite.