AlgoExpert   Quad Layout   JavaScript   14px   Sublime   Monokai   00:00:0

Our Solution(s)   Run Code

Solution 1

```javascript
// Copyright © 2020 AlgoExpert, LLC. All rights reserved.

// O(nm*8^s + ws) time | O(nm + ws) space
function boggleBoard(board, words) {
  const trie = new Trie();
  for (const word of words) {
    trie.add(word);
  }
  const finalWords = {};
  const visited = board.map(row => row.map(letter => false));
  for (let i = 0; i < board.length; i++) {
    for (let j = 0; j < board[i].length; j++) {
      explore(i, j, board, trie.root, visited, finalWords);
    }
  }
  return Object.keys(finalWords);
}

function explore(i, j, board, trieNode, visited, finalWords) {
  if (visited[i][j]) return;
  const letter = board[i][j];
  if (!(letter in trieNode)) return;
  visited[i][j] = true;
  trieNode = trieNode[letter];
  if ('*' in trieNode) finalWords[trieNode['*']] = true;
  const neighbors = getNeighbors(i, j, board);
  for (const neighbor of neighbors) {
    explore(neighbor[0], neighbor[1], board, trieNode, visited, finalW
  }
  visited[i][j] = false;
}

function getNeighbors(i, j, board) {
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```javascript
function boggleBoard(board, words) {
  // Write your code here.
}

// Do not edit the line below.
exports.boggleBoard = boggleBoard;
```

Our Tests

[illegible]

Custom Output   Submit Code

[illegible]

Run or submit code when you're ready.