

## Question #4 (Very Hard) - Test Cases

### Test Case #1

```
const map = [  
  [1, 1, 0, 0, 0],  
  [0, 1, 0, 0, 1],  
  [1, 0, 0, 1, 1],  
  [0, 0, 0, 0, 0],  
  [1, 0, 1, 0, 1]  
];  
findIslands(map)
```

### Expected Result #1

6

### Test Case #2

```
const map = [  
  [1, 1, 1, 1, 0],  
  [1, 1, 0, 1, 0],  
  [1, 1, 0, 0, 0],  
  [0, 0, 0, 0, 0]  
];  
findIslands(map)
```

### Expected Result #2

1

### Test Case #3

```
const map = [  
  [0, 0, 0],  
  [0, 0, 0],  
  [0, 0, 0]  
];  
findIslands(map)
```

### Expected Result #3

0

### Test Case #4

```
const map = [
  [1, 1, 1],
  [1, 1, 1],
  [1, 1, 1]
];
findIslands(map)
```

### Expected Result #4

1

### Test Case #5

```
const map = [
  [1, 0, 0, 1],
  [0, 0, 0, 0],
  [0, 0, 0, 0],
  [1, 0, 0, 1]
];
findIslands(map)
```

### Expected Result #5

4

### Test Case #6

```
const map = [
  [1, 0, 0, 0, 1],
  [0, 1, 0, 1, 0],
  [0, 0, 1, 0, 0],
  [0, 1, 0, 1, 0],
  [1, 0, 0, 0, 1]
];
findIslands(map)
```

## Expected Result #6

9