

Surrounded Regions (/problems/surrounded-regions/)

Submission Detail

1 / 59 test cases passed.

Status: **Runtime Error**

Submitted: 0 minutes ago

Runtime Error Message: **Line 15: java.lang.ArrayIndexOutOfBoundsException: I...**

Last executed input: **[]**

Submitted Code: 0 minutes ago

Language: java

Edit Code

```
1 class Solution {
2     public void solve(char[][] board) {
3         for (int k=0;k<board.length;k++){
4             if(board[k][0]=='0'){
5
6                 board[k][0]='B';
7                 bound(board,k,0);
8             }
9             if(board[k][board[k].length-1]=='0'){
10
11                 board[k][board[k].length-1]='B';
12                 bound(board,k,board[k].length-1);
13             }
14         }
15         for (int l=0;l<board[0].length;l++){
16             if(board[0][l]=='0'){
17                 System.out.println("enter3");
18                 board[0][l]='B';
19                 bound(board,0,l);
20             }
21             if(board[board.length-1][l]=='0'){
22                 System.out.println("enter4");
23                 board[board.length-1][l]='B';
24                 bound(board,board[0].length-1,l);
```

```
25         }
26         bound(board,board.length-1,l);
27     }
28
29     for(int i=0;i<board.length;i++){
30         for(int j=0;j<board[i].length;j++){
31             if(board[i][j]=='0'){
32                 board[i][j]='X';
33             }
34             else{
35                 if(board[i][j]=='B'){
36                     board[i][j]='0';
37                 }
38             }
39         }
40     }
41
42 }
43 public void bound(char[][] board,int i,int j){
44     if(i>0 && j>0 && i<board.length && j<board[i].length&&board[i][j]=='B'
45         if(i-1>0 && board[i-1][j]=='0'){
46             board[i-1][j]='B';
47             bound(board,i-1,j);
48         }
49         if(i+1<board.length&&board[i+1][j]=='0'){
50             board[i+1][j]='B';
51             bound(board,i+1,j);
52         }
53         if(j-1>0 && board[i][j-1]=='0'){
54             board[i][j-1]='B';
55             bound(board,i,j-1);
56         }
57         if(j+1<board[i].length&&board[i][j+1]=='0'){
58             board[i][j+1]='B';
59             bound(board,i,j+1);
60         }
61     }
62
63 }
64 }
```

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