Submission

ID	DATE	PROBLEM	STATUS	CPU	LANG
	TEST CASES				
8071221	03:09:01	Islands	✔ **Accepted**	0.07 s	C++
	✔✔				

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FILENAME	FILESIZE	SHA-1 SUM	
islands3.cpp	919 bytes	5a4aa4e89327e825e549dd905e6ea77894a34d20	download

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islands3.cpp

```
#include <bits/stdc++.h>

using namespace std;

void DFS(int r, int c, int i, int j, bool visited[][999], char mat[][999]){
    stack<int> pila1;
    stack<int> pila2;
    pila1.push(i);
    pila2.push(j);

             la1.empty() && !pila2.empty()){
            .r = pila1.top(); pila1.pop();
        int cc = pila2.top(); pila2.pop();
```

```
        if(!visited[cr][cc]){
            visited[cr][cc] = true;
            if (cr-1 >= 0 && mat[cr-1][cc] != 'W'){
                pila1.push(cr-1);
                pila2.push(cc);
            }
            if (cr+1 < r && mat[cr+1][cc] != 'W'){
                pila1.push(cr+1);
                pila2.push(cc);
            }
            if (cc-1 >= 0 && mat[cr][cc-1] != 'W'){
                pila1.push(cr);
                pila2.push(cc-1);
            }
            if (cc+1 < c && mat[cr][cc+1] != 'W'){
                pila1.push(cr);
                pila2.push(cc+1);
            }
        }
    }
}

int main(){

    int r,c;
    cin>>r;
    cin>>c;

    char mat[r][999];
    bool visited[r][999];

    for(int i=0; i<r; ++i){
        for(int j=0; j<c; j++){
            cin>>mat[i][j];
            visited[i][j] = false;
        }
    }

    int cont;

    for(int i=0; i<r; ++i){
        for(int j=0; j<c; j++){
            if(mat[i][j] == 'L' && !visited[i][j]){
                DFS(r, c, i, j, visited, mat);
```

```
                cont++;
            }
        }

    }
    cout<<cont;



    return 0;
}
```

Help