

Submission

[illegible]

Compiler output

```
./countingstars.cpp: In function 'int main()':
./countingstars.cpp:17:22: warning: ignoring return value of 'int scanf(const char*, ...)', declared with attribute warn_unused_result [-Wunused-result]
   17 |             scanf(" %c", &c);
      |             ~~~~~^~~~~~
```

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| FILENAME | FILESIZE | SHA-1 SUM | |
|-------------------|-----------|-----------------------------------------|--------------------------|
| countingstars.cpp | 988 bytes | 7226aed387b4b8e546ef4ecfd0ceedfab97942f | download |

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countingstars.cpp

```
1      Help    <cstdio>
2      _       namespace std;
3
```

```

4 #define MAX_M 100
5 #define MAX_N 100
6
7 int m, n, stars, caseNum = 1;
8 bool map[MAX_M][MAX_N];
9 char c;
10
11 void dfs(int i, int j);
12
13 int main() {
14     while (scanf("%d %d", &m, &n) == 2) {
15         for (int i = 0; i < m; i++) {
16             for (int j = 0; j < n; j++) {
17                 scanf(" %c", &c);
18                 if (c == '-') {
19                     map[i][j] = true;
20                 }
21             }
22         }
23         stars = 0;
24         for (int i = 0; i < m; i++) {
25             for (int j = 0; j < n; j++) {
26                 if (map[i][j]) {
27                     stars++;
28                     dfs(i, j);
29                 }
30             }
31         }
32         printf("Case %d: %d\n", caseNum++, stars);
33     }
34 }
35
36 void dfs(int i, int j) {
37     if (!map[i][j]) return;
38     map[i][j] = false;
39     if (i > 0) dfs(i - 1, j);
40     if (i < m - 1) dfs(i + 1, j);
41     if (j > 0) dfs(i, j - 1);
42     if (j < n - 1) dfs(i, j + 1);
43 }

```