≡

e-maze-in

SOLVE LATER
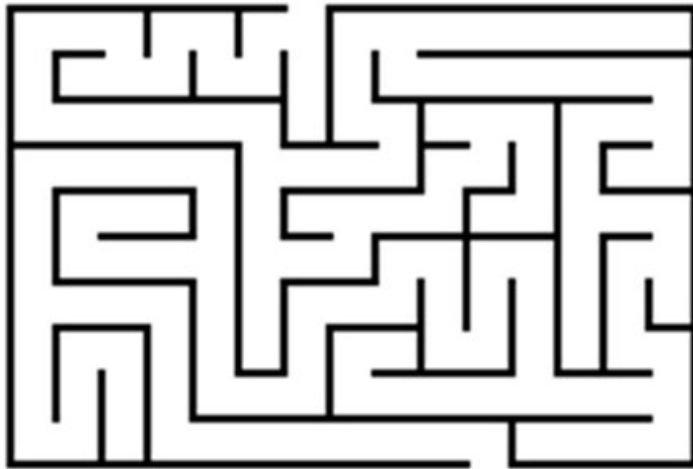
Attempted by: **16941** / Accuracy: **92%** / Maximum Score: **20** /
⭐⭐⭐⭐☆ 454 Votes

Tag(s): Easy

PROBLEM   EDITORIAL   MY SUBMISSIONS   ANALYTICS

Ankit is in maze. The command center sent him a string which decodes to come out from the maze. He is initially at **(0, 0)**. String contains **L, R, U, D** denoting left, right, up and down. In each command he will traverse **1** unit distance in the respective direction.

For example if he is at **(2, 0)** and the command is **L** he will go to **(1, 0)**.

Input:

Input contains a single string.

Output:

Print the final point where he came out.

Constraints:

$1 \le |S| \le 200$

SAMPLE INPUT	SAMPLE OUTPUT
LLRDDR	0 -2

Explanation

None

Time Limit:	1.0 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB
Marking Scheme:	Marks are awarded when all the testcases pass.
Allowed Languages:	Bash, C, C++, C++14, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Julia, Kotlin, Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, R(RScript), Racket, Ruby, Rust, Scala, Swift, Swift-4.1, TypeScript, Visual Basic

CODE EDITOR

Enter your code or Upload your code as file.

Save   C++14 (g++ 5.4.0)

```
11        string a;
12        cin>>a;
13        int x=0,y=0;
14        for(int i=0;i<a.length();i++){
15            char action = a[i];
16            switch(action){
17                case 'L':
18                    x--;
19                    break;
20                case 'R':
21                    x++;
22                    break;
23                case 'U':
24                    y++;
25                    break;
26                case 'D':
27                    y--;
28                    break;
29                default:
30                    break;
31
32            }
33        }
34    cout<<x<<" "<<y<<endl;
35
36    return 0;
37 }
```
37:2 vscode

☑ Provide custom input

COMPILE & TEST   SUBMIT

Submission ID: 40039207 / 7 seconds ago

RESULT: ✔ Accepted

	Score	Time (sec)
	20.0	1.01873
	Memory (KiB)	Language
	64	C++14

Input	Result	Time (sec)	Memory (KiB)	Score	Your Output	Correct Output	Diff
Input #1	✓	0.101894	64	10	📄	📄	📄
Input #2	✓	0.101928	64	10	📄	📄	📄
Input #3	✓	0.101883	64	10	📄	📄	📄
Input #4	✓	0.101958	64	10	📄	📄	📄
Input #5	✓	0.102335	64	10	📄	📄	📄
Input #6	✓	0.101468	64	10	📄	📄	📄
Input #7	✓	0.101505	64	10	📄	📄	📄
Input #8	✓	0.101886	64	10	📄	📄	📄
Input #9	✓	0.101941	64	10	📄	📄	📄
Input #10	✓	0.101933	64	10	📄	📄	📄

Compilation Log

Compilation Successful.

Your Rating:

💬 View all comments

PROGRAMMERS WHO SOLVED THIS PROBLEM ALSO SOLVED

?

Anagrams   Bricks Game

Attempted By: **31693** / Accuracy: **36**

★★★★☆ 1014 Votes

Attempted By: **16884** / Accuracy: **93**

★★★★☆ 475 Votes

Lift Queries

Attempted By: **11372** / Accuracy: **51**

★★★★☆ 331 Votes

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