execute #1

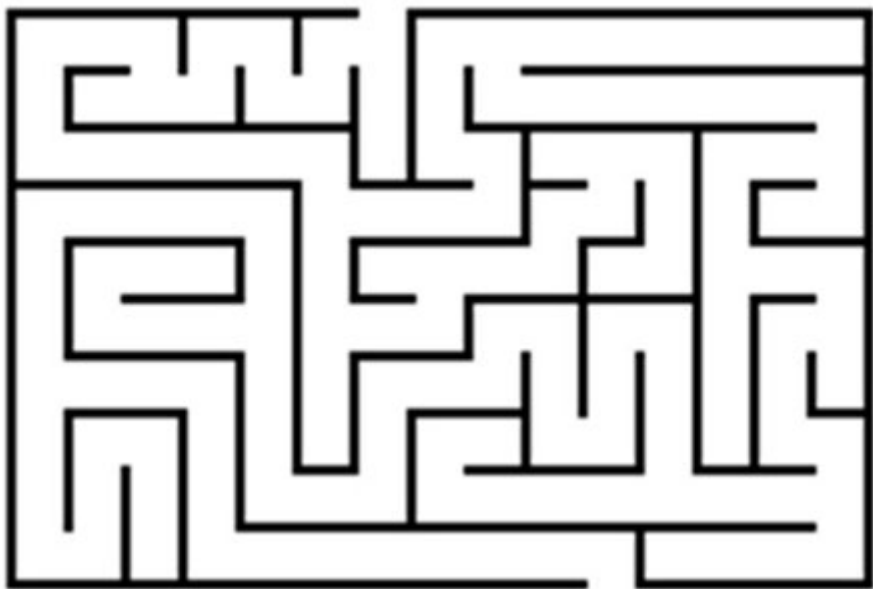Oct 28, 2017, 05:00 AM IST - Oct 29, 2017, 05:00 AM IST

e-maze-in

Max. score: 100

This problem is no longer available for practice. Apology for any inconvenience!

PROBLEM   **EDITORIAL**   **MY SUBMISSIONS**

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:	Score is assigned if any testcase passes.
Allowed Languages:	Bash, C, C++, C++14, C++17, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, Java 14, JavaScript(Rhino), JavaScript(Node.js), Julia, Kotlin, Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, Python 3.8, R(RScript), Racket, Ruby, Rust, Scala, Swift-4.1, Swift, TypeScript, Visual Basic