

This is a C++ program.

-Compile the program using command:

`g++ mars.cpp`

-Run it using command:

`./a.out`

-The first line of input is the upper-right coordinates of the plateau

Input with a space between two coordinates like:

Like-5 5

1)Now input the current position of the rover in the format:

x_xoordinate y_coordinate orientation(SEPARATED BY SPACE)

Like- 4 1 N

2)Now input the instruction(No space)

Like- MMMLLLRRR

3)Now final position of the rover will be generated

4)Repeat steps 1-3 to get the output

-To exit the program press Ctrl-C