

# Test Description

---

You need to develop a robot that will navigate on Mars terrain.

The input of the app will be a series of commands to move the robot on the plateau. Mars plateau is a grid defined by the initial input of the app, such as 5x5, 3x4, etc.

The second input line will be a string containing multiple commands as described below:

```
L: Turn the robot left
R: Turn the robot right
F: Move forward on it's facing direction
```

```
Sample command string: LFLRFLFF
```

The robot will always start at X: 1, Y: 1 facing NORTH. If the robot reaches the limits of the plateau the command must be ignored.

Your goal is to navigate the robot and print the final position.

Example:

Input:

```
5x5
FFRFLFLF
```

Result:

```
1,4,West
```

- There is no limit for the Plateau size
- Inputs will always be valid, so there is no need to validate them
- There is no 0,0 position

## Guideliness

---

- Create a public GitHub repo with your test source files and send a link back to us
- Use any language you want
- Try not to spend more than 3 days on it
- Use of TDD is encouraged