

Lx: -3

Ux: 2

Ly: 1

Uy: 4

Ox: 0

Oy: 2

How many obstacles exist? 3

Enter the1st Obstacle X : -2

Enter the1st Obstacle Y : 2

Enter the2nd Obstacle X : -2

Enter the2nd Obstacle Y : 4

Enter the3rd Obstacle X : 1

Enter the3rd Obstacle Y : 4

***** Start move commands with (begin) and exit with (end) *****

***** Please enter (L : Left), (R: Right), (U:Up), (D:Down) for move instructions and then press enter for entering next command.

***** press X key to end the commands *****

L

Current position = (-1, 2)

L

Collision with barrier error.

U

Current position = (-2, 3)

U

Collision with barrier error.

U

```
***** Start move commands with (begin) and exit with (end) *****
***** Please enter (L : Left), (R: Right), (U:Up), (D:Down) for move instructions and then press enter for entering next command.

***** press X key to end the commands *****

L
Current position = (-1, 2)

L
Collision with barrier error.

U
Current position = (-2, 3)

U
Collision with barrier error.

U
Out of grid boundaries Error !

L
Out of grid boundaries Error !

R
Out of grid boundaries Error !

R
Out of grid boundaries Error !

D
Current position = (-1, 4)

R
Current position = (0, 4)

X

Displacemnt = 2
Distance = 6
D:\Cpp projects\roboticMoveIn2D\x64\Debug\roboticMoveIn2D.exe (process 9548) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when de
bugging stops.
```