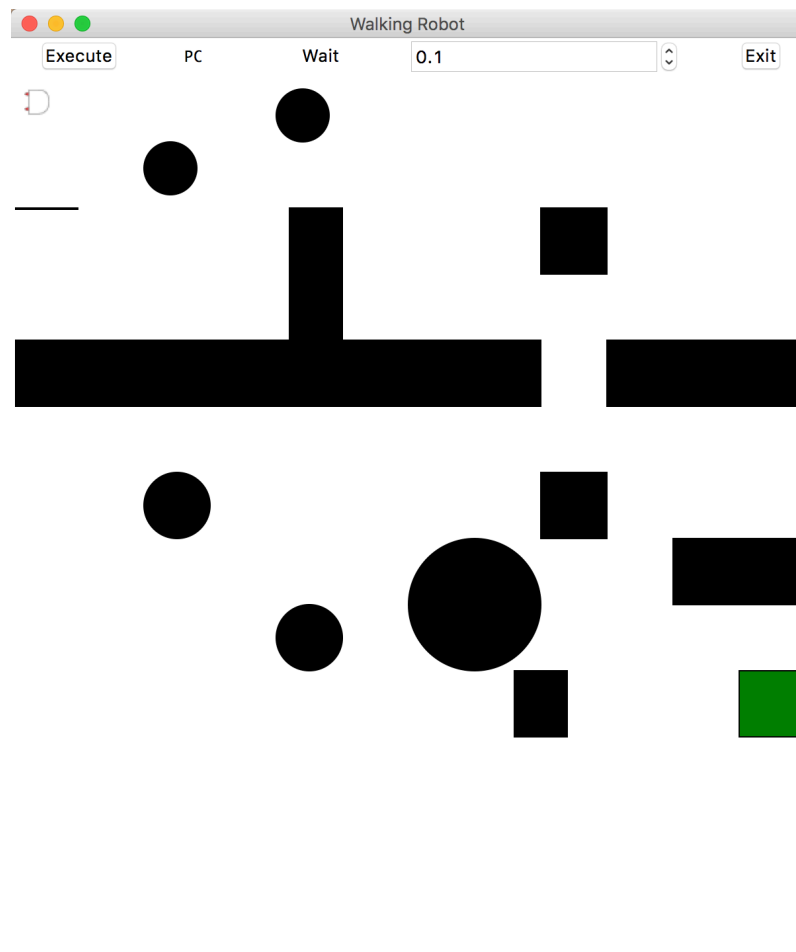


Laboratory 1 COSC 1010 August 28/30 2018

1. Download and unzip Lab1.zip. Open the file `walking.py` in Idle or even better, in a command window, go to the directory where you unzipped Lab1.zip and execute `python3 walking.py`. (The name for python3 might change depending on your system setup. You can always type in `python3 -v` in order to see whether you have Python 3 installed under this name. You should see a window like the one below:



On the top line you see three buttons (Execute, a Spin-box, and Exit). When you execute the program (by clicking on the Execute button), the file `program.txt` is executed. You control the behavior of the “robot” by changing the instructions in `program.txt` using any text editor you like. You can set the speed of the instruction execution using the Spin-box. Initially, you want a value around 1.0 seconds.

Your task is to change the program such that the robot moves to the green field without

```
~/Google Drive/AATeaching/Python/Laboratories/Lab1/program.txt
1 M
2 R
3 M
4 R
5 M
6 L
7 M
8 R
9 M
10 R
11 M
12 R
13 M
14 R
15 M
16 R
17 M
18 R
19 M
20
```

