Maze Assignment
ICS2O

For your first assignment, you are asked to develop a maze. Your maze should be approximately 5 by 5 and your robot should begin on the intersection (0, 0). Your robot will move through your maze and exit at the bottom right corner.

Your Task:

1. Create a new class called `Maze_YourFullName`.

2. Create a `City` object in your `main` method and develop statements designed to set up the maze.

3. Add `Wall` objects to your City object that model your maze. Do not place `Wall` objects in the bottom right corner. This is where your robot will exit the maze. Your maze should be approximately 5 by 5. Add colours to your `Walls`.

4. Position `Thing` objects along the path your robot will take to exit the maze. Change the colour. (You can choose the colours you want to use, but do not use red.)

5. The exit should be marked with a red `Thing`.

6. Position a `Robot` at (0, 0). Add your name as a label on the `Robot`.

7. Write commands to move your robot to the exit, following your path of `Thing`s. Your `Robot` should pick up the red `Thing` marking the exit once it leaves the maze.

8. After thoroughly commenting and formatting your source code, submit to GitHub Classroom.

9. Trace your program as we did in class and submit your table showing the location of your robot and it's direction after each line of code.

Note: Your program should be documented (this means you need to include comments) in such a way that it is easy for another person (i.e. me, when I mark it) to see which commands are building each part of the floor plan, and explain what your robot is doing.
Your program should also include the following comment header at the top of the file.

```
/**
************************************************
* @author:
* @due date:
* Description:
************************************************
*/
```