

Inf3110
Mandatory assignment 1
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I have implemented the interpreter so that the interpreter method gives the robot as a parameter. In this way, all the statements will have a reference to the robot. The interpreter for the different statements tries to only do what is necessary to do in that statement. The Assignment interpreter adds or subtracts 1 depending on the type of assignment. The While interpreter calls the interpreter statements in the arraylist as long as the boolean expression remains true. The Move statement calls on the robot move function to move the robot. The Stop interpreter prints out the current robot placement.

I have also implemented it such that the Robot class controls where the robot is and its relationship to the grid. Only the robot actually moves the robot and since the robot has a reference to the grid, it can tell if it moves of the grid.

You run the program by calling - java Oblig1