

## Ma204—Programming with Robots:

Distributed: May 1, 2009

## Homework 09

Due: May 11, 2009

*Submit the program files to me via the upload web page<sup>1</sup> described in class. Please do **not** print out your program, only submit it electronically.*

- (1) **Programming Exercise:** The final programming exercise is wide open. Your robot will be placed inside a walled enclosure (flat floor, no ceiling) with an opening 30cm wide in one of the walls—you won't know where. There are no internal walls or obstacles. The walls will be around 15cm high. Your robot must autonomously carry the brick out of the enclosure. Bring your robot to class Monday May 11th. I will place each robot (one at a time) into the enclosure and start your program. The rest is up to the robot.

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<sup>1</sup><http://carrot.whitman.edu/204/upload.html>