

CS200 - Programming Assignment 7

Due: Friday Dec. 8. Must be uploaded to Canvas before the beginning of class.

Please read the sections of the syllabus on programming assignments and honor code before starting this homework.

1. [30 Points]

Go to [Picobot!](#) (this might not work with Internet Explorer, so if you are having trouble, try a different browser).

Submit a plaintext file with two sets of rules. The first set of rules should allow picobot to explore the whole empty room (the initial picobot problem). If you click on Map, you'll get to a more complicated maze with lots of twisting passages. Create a second set of rules that allows you to explore the whole maze.

Your solution must work for any possible starting position of picobot.

For bonus brownie points (not real points) try to use only 6 rules for the empty room, and try to use only 8 rules for the maze.

Put a multi-line comment at the beginning of your code. It should contain:

- Your name
- Programming Assignment 7
- The name of anyone you worked with
- The number of hours you spent on this assignment