Chapter 5 *Lab:* Syntax Bug

Be sure to read GridWorld Part 1 to familiarize yourself with GridWorld before beginning this lab.

In this lab, you will familiarize yourself with Bugs in GridWorld by making the SyntaxBug. The goal is to learn a bit more about using comments and correct style, finding syntax errors, and to just familiarize yourself with the GridWorld environment a bit.

The SyntaxBug class contains four variations of the `act` method. Your job is to investigate what each one does by uncommenting them, one at a time, and running them. Be sure that only one version of act is uncommented at a time, or you will generate a compiler error. As you test each version of act, be sure to restore proper style and syntax as well.

Numerous `TODO` notes have been added throughout the lab when you snarf it. These are there to help you find all the tasks you need to complete. Be sure to read each one carefully. Once you have completed a task, be sure to delete the `TODO` note.

Once you have completed all tasks, submit your project to Web-CAT. Please note that some items in this lab cannot be properly scored by Web-CAT, so a portion of your lab will be manually graded.