



## Coding Standards Guidelines

The following coding standards are required for CSCI-1108. This document explains in-detail the purpose, appropriate formatting, and content of both your NetLogo program's in-line comments and Info tab.

### In-Line Comments:

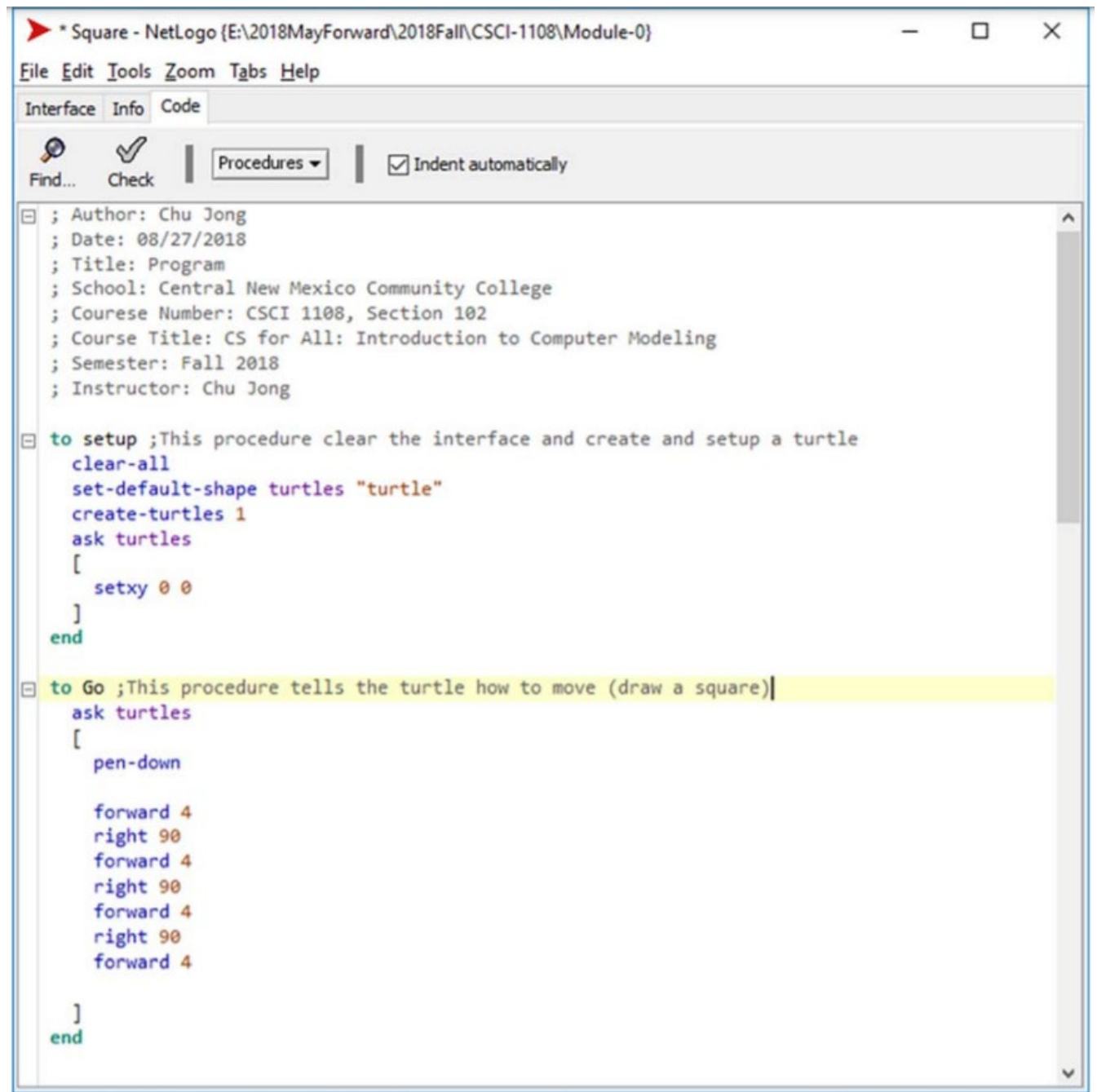
- Such comments must be included within your code. These comments are used to briefly describe the purpose of a line or lines of code.
- To create a comment in the NetLogo programming language, you must begin the line with a semi-colon ";".
- The first eight lines of all your programs should look like this:  

```
; Author: [Your name here]
; Date: [due date]
; Title: Lab01 Spirograph (or current lab title)
; School: Central New Mexico Community College
; Course Number: CSCI 1108
; Course Title: CS for All: Introduction to Computer Modeling
; Semester: Fall 2022
; Instructor: Guadalupe Torres
```
- These eight lines are comments and do not interfere with your program's code due to the inclusion of the semi-colon at the start of each line.
- For CSCI-1108, you will be using in-line comments as a means of communicating with other programmers who will be reading your code.
- Include meaningful comments that describe the functionality of the code being addressed so that other programmers can help debug your program or quickly determine the purpose of your lines of code.

### Info Tab:

- For this course, you will be completing an Info tab for each of your programs.
- Info tabs act as a user manual for your program. This is where you can give specific instructions on how to operate your program.
- You can also use this section to document the version of your program and if there are any bugs that may occur when executing your program.
- The Info tab of your program should be more complex when your program is more complex. A program that creates a specific shape will have an Info tab that is less detailed than a program that simulates an ecosystem.

Here's an example of in-line comments:



```
* Square - NetLogo {E:\2018MayForward\2018Fall\CSCI-1108\Module-0}
File Edit Tools Zoom Tabs Help
Interface Info Code
Find... Check Procedures Indent automatically

; Author: Chu Jong
; Date: 08/27/2018
; Title: Program
; School: Central New Mexico Community College
; Course Number: CSCI 1108, Section 102
; Course Title: CS for All: Introduction to Computer Modeling
; Semester: Fall 2018
; Instructor: Chu Jong

to setup ;This procedure clear the interface and create and setup a turtle
  clear-all
  set-default-shape turtles "turtle"
  create-turtles 1
  ask turtles
  [
    setxy 0 0
  ]
end

to Go ;This procedure tells the turtle how to move (draw a square)
  ask turtles
  [
    pen-down

    forward 4
    right 90
    forward 4
    right 90
    forward 4
    right 90
    forward 4
  ]
end
```

Here is an example Info tab of the above program

