

## COSC 201 – Lab #2

Get to know ECLIPSE and build a car.

Purpose: Implement a basic inheritance program.

Tasks:

- 1.) Start a new Java Project, called Car Project.
- 2.) Add a new class called Car. Create the code for a base/parent class representing a car. Make sure to include at least 4 data fields as well as two methods that are not accessors, mutators, toString, main or constructors.
- 3.) Add a new class called Miata. Create the code for a child class whose parent is Car. Make sure to have at least 2 data fields that are not inherited from Car and 2 non accessor/mutator/etc methods that are not inherited from Car.
- 4.) Create a testing class CarTest that will contain your driver, and your testing routine. Your routine should hit each of your methods that you created.
- 5.) Turn in your code via the Digital Dropbox in Blackboard.