Lab 06 – Inheritance and Packages

1. Write a program with a parent class **Shape** and a subclass **Triangle**. Shape contains width and height of a 2d object and Triangle contains the area() method
2. Illustrate the 3 ways to access a package from another package:
   1. import package.\*;
   2. import package.classname;
   3. fully qualified name

// javac -d <directory> <filename.java> // to compile the package

// java filename // to run the file

1. Create a class **Person** with private instance variables for the person’s name and birth date. Add appropriate accessor methods and constructors for these variables. Create a subclass **CollegeGrad** with private instance variables for the student’s GPA and year of graduation and appropriate accessors and constructors for these variables.