Spring ’14 CIS 212 Assignment 1 – 100/100 points possible – Due Wednesday, 4-9, 11:59 PM

The goals of this assignment are to get your development environment set up and to provide experience with building a simple executable Java class and with using loops and conditionals in Java.

1. [10] Open Eclipse and create a new project (File -> New -> Project -> Java -> Java Project) named “Assignment1” (keep all other default settings).

2. [10] Create a new class by right clicking the Assignment1 project in the Package Explorer and selecting New -> Class. Name the class “Main” and keep all other default settings. Open the Main class in the Eclipse text editor by double clicking Main in the Package Explorer.

3. [80] Add to the class a static main method which prompts the user to enter integers until the user enters the integer 0, at which point the method should print the sum of all integers entered. However, if the user enters -1 at any point in the sequence the sum should be reset to 0. Use the System.out.println() method to print the prompts and the java.util.Scanner class to get input from the user. Your output should look something like:

   Enter an integer (0 to quit, -1 to reset): 
   1
   Enter an integer (0 to quit, -1 to reset): 
   2
   Enter an integer (0 to quit, -1 to reset): 
   -1
   Enter an integer (0 to quit, -1 to reset): 
   1
   Enter an integer (0 to quit, -1 to reset): 
   2
   Enter an integer (0 to quit, -1 to reset): 
   3
   Enter an integer (0 to quit, -1 to reset): 
   0
   Sum: 6

Zip the Assignment1 folder in your Eclipse workspace directory and upload the .zip file to Blackboard (see Assignment 1 assignment in the Course Documents area).