# CS 372: Java Application Development

# Homework Assignment 1

## MY NAME: DUE: Wed, Jan 4 Received: \_ .

**GRADE:**

|  |  |  |
| --- | --- | --- |
| **PROGRAM** | **POINTS** |  |
| PR1\_1: Odd or Even | 15 | 15 |
| PR1\_2: Area of Circle | 13 | 15 |
| PR1\_3: Integer value of a Character | 15 | 15 |
| PR1\_4: Body Mass Index | 25 | 25 |
| PR1\_5: Employee Class | 13 | 15 |
| PR1\_6: Date Class | 13 | 15 |
| **TOTAL** | 94 | 100 |

***Homework should be stored in your GitHub account***

**PR1\_1: Odd or Even (Problem 2.25, page 67)**

**PR1\_2: Area of a Circle**:

Write a Java program that asks the user for the radius of a circle. The program will then display the area of the circle. Recall that the area of the circle is calculated with the formula:

*Area = πr2*

Create a constant (with keyword **final**) variable called **PI**, assign it a value 3.14, and use it in your calculations.

**PR1\_3: Integer value of a Character (Problem 2.29, page 68)**

**PR1\_4: Body Mass Index (Problem 2.33, page 69)**

**PR1\_5: Employee Class (Problem 3.14, page 101)**

**PR1\_6: Date Class (Problem 3.15, page 101)**







