**ICS 108 – Object-Oriented Programming**

**Lab # 6 – Objects and Classes**

**Objectives:**

In this lab, the following topic will be covered:

1. Objects and Classes

**Task**

Design a class named **MyInteger**. The class contains:

* An **int** data field named **value** that stores the **int** value represented by this object.
* A constructor that creates a **MyInteger** object for the specified **int** value.
* A getter method that returns the **int** value.
* The static methods **isEven(int)**, **isOdd(int)**, and **isPrime(int)** that return **true** if the specified value is even, odd, or prime, respectively.
* The method **equals(MyInteger)** that return **true** if this object is equal to the specified object.

Write a test program that tests all methods in the class.