

## CS-201 Practice Lab Exam

**Carefully follow these instructions:**

1. Using **Internet Explorer** or **Firefox** copy **P.java** to **c:\temp** from the course web page.
3. Create the class file **MyClassXXX.java** where **XXX** is your assigned test number. For this practice exam your assigned number is **123**. At the actual lab exam you will use the number printed on your test sheet.

In **MyClass123.java** you will code all of the methods needed by **P.java**.

**In P.java change MyClassXXX to MyClass123, but do not make any other changes to P.java.**

4. **You may use JGrasp, or Eclipse during this exam. You may not use the Internet other than to download P.java. You may not use email. You may not use the printers during the actual lab exam. You may use your CS-201 textbook during the exam, but no other materials.**
5. During the actual lab exam you will not be allowed to leave the room until you turn in your exam.
6. **BEFORE LEAVING THE LAB DELETE ALL OF YOUR FILES FROM C:\TEMP.**

```

//
//
// CS201 Practice Lab Midterm Exam
//
//
import java.util.Scanner;
public class P
{
    public static void main (String[] args)
    {
        Scanner scan = new Scanner(System.in);

        MyClassXXX myObject = new MyClassXXX(); // Replace XXX with your assigned number

        int age1, age2, age3, n1, n2, oldest;

/** The method displayHeading displays your name, BlazerID, CS-201 and your
/** row number and seat number. The course name is passed as a parameter. ** 1 point
myObject.displayHeading("CS-201");

/** Method oldest(age1,age2,age3) returns the age of the oldest person.
/** For example: oldest(30,60,50) returns 60, oldest(30,30,30) returns 30 ** 4 points
System.out.print("Enter the first age: ");
age1 = scan.nextInt();
System.out.print("Enter the second age: ");
age2 = scan.nextInt();
System.out.print("Enter the third age: ");
age3 = scan.nextInt();
oldest = myObject.oldest(age1,age2,age3);
System.out.println("\nThe oldest person is " + oldest + " years old\n");

/** Method oddNumbers(n1, n2) displays the odd numbers
/** from integers n1 to n2 (inclusive)
/** The odd numbers are displayed one per line.
/** Examples: oddNumbers(1,5) displays: 1          oddNumbers(10,18) displays 11
/**                                     3          13
/**                                     5          15
/** ** 5 points                               17
System.out.print("\n\nEnter the first integer: ");
n1 = scan.nextInt();
System.out.print("\n\nEnter the second integer: ");
n2 = scan.nextInt();
myObject.oddNumbers(n1,n2);
System.out.println();
    }
}

```