

CSc 2010: PRINCIPLES OF COMPUTER SCIENCE

Lab 5 - Java Methods

How to Submit

Please submit your solution to the lab instructor once you have your program working. He will tell you how he would like you to turn it in. Failure to submit will result in a zero.

What is the output of the following program?

```
public class Methods{
    public static void main(String [] args){
        method1();
        System.out.println("End of main method");
    }
    public static void method1(){
        int i=9;
        i=i+1;
        System.out.print("i = "+i);
        System.out.println(" i+1 = "+i+1);
        System.out.println("i+1 = "+ (i+1));
        method2();
        System.out.println("End of method1");
    }
    public static void method2(){
        System.out.println("In method2");
    }
}
```

Write a java program which will produce the following output. Call to methods named age() and gpa(). Method age() should print first 4 lines and method gpa() should print last two lines below. Use an integer variable to store your age and double to store your GPA. The program must use these variables and math operators for all the results. In other words, you cannot simply include all the answers inside the quotes. The calculations must be done by the computer.

My age is 21

Twice my age is 42

Three times my age is 63

Half of my age is 10.5

My gpa is 3.3

Half my gpa is 1.65