

Name: _____

SAMPLE Programming Assessment 1
CMP 326: Programming Methods II
Lehman College– CUNY
7 September 2010

Directions:

- Include your name (as a comment) in your solution to each problem.
- Submit each solution on Blackboard, under “Programming Assessment 1” in Assignments.
- Submit .java files only.
- Password on Blackboard: ReviewJava

Problem 1	10	
Problem 2a	15	
Problem 2b	5	
Problem 3	20	
Total	50	

1. Write a Java program that prints:

```
Hello, world!
```

to the screen.

2. (a) Write a program that asks for the number of minutes a class runs and returns the equivalent number of hours and minutes. Here is an example run of the program:

```
Enter total minutes: 100
The class will end at 1:40
```

- (b) Modify the above program to use `JOptionPane` to ask the user for the minutes and display the answer.

3. Write a graphics program or applet with 3 buttons, labeled, **Red**, **White**, and **Blue**. When the user pushes a button, the background color should change to that color. For example, when the user pushes the **Red** button, the background should turn red.

(Hint: Modify the `VisibilityDemo` from the book examples (also available on Blackboard).)