UNI.P Academy COM1321 Test 3

1. Definitions (6 marks)

Provide clear and concise definitions for the following terms. Each definition is worth 2 marks.

1. **Class:**
2. **Variable:**
3. **Object:**

2. Syntax (9 marks)

Write the correct syntax for each of the following statements. Each syntax example is worth 3 marks.

4. `if` **Statement Syntax:**
5. `for` **Loop Syntax:**
6. `switch` **Statement Syntax:**

3. When to Use (6 marks)

Explain when you would use each of the following constructs. Each explanation is worth 2 marks.

7. `if` **Statement:**
8. `for` **Loop:**
9. `switch` **Statement:**

4. Code with Errors (10 marks)

The following Java code contains errors. Identify and correct the errors. Each error correction is worth 2 marks.

```
public class PersonalMessage {

    Public static void main(String[] args) {

        String first Name = "John";

        int lastName = "Doe";

      System.out.println("Hello " + firstName + " " + lastName + ".")

    }
```

5. Code to Multiply Numbers (15 marks)

Write a Java code snippet to multiply all numbers from 1 to 100.

6. Code to Print Time of Day (16 marks)

Write a Java code snippet to print "Good morning", "Good afternoon", or "Good evening" based on the time entered by the user.

_____end_____

System.out.print("good luck ");