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NAME: JOSHUA M KIHIU
REG: CT101/G/19578/23
1. Hello World Program in Java
public class HelloWorld {
  public static void main(String[] args) {
    System.out.println("Hello, World!");
  }
}
2. Program to Add Two Numbers (x = 5, y = 7)
public class AddTwoNumbers {
  public static void main(String[] args) {
    // Declare and initialize variables
    int x = 5:
    int y = 7;
    // Calculate the sum
    int sum = x + y;
    // Print the result
    System.out.println("The sum of x and y is: " + sum);
  }
3. Employee Bonus Program in Java
import java.util.Scanner;
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public class EmployeeBonusCalculator {
  public static void main(String[] args) {
    // Hardcoded salary and years of service
    double salary = 50000; // You can modify this value
    int yearsOfService = 7; // You can modify this value
    // Initialize bonus percentage
    double bonusPercentage = 0;
    // Determine the bonus percentage based on years of service
    if (yearsOfService > 10) {
      bonusPercentage = 12;
    } else if (yearsOfService >= 6 && yearsOfService <= 10) {
       bonusPercentage = 10;
    } else if (yearsOfService < 6) {</pre>
      bonusPercentage = 8;
    }
    // Compute the bonus amount
    double bonusAmount = (salary * bonusPercentage) / 100;
    // Print the result
    System.out.println("Salary: $" + salary);
    System.out.println("Years of Service: " + yearsOfService);
    System.out.println("Bonus Percentage: " + bonusPercentage + "%");
    System.out.println("Net Bonus Amount: $" + bonusAmount);
```

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}
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