TRINITY INTERNATIONAL COLLEGE

(Tribhuvan University Affiliated)

Lab Report:1.1 Advanced Java Programming

Submitted by:

Name :Anusha Panta
Program : **B. Sc. (CSIT)**
Roll No :10
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Submitted to:

Aman Maharjan

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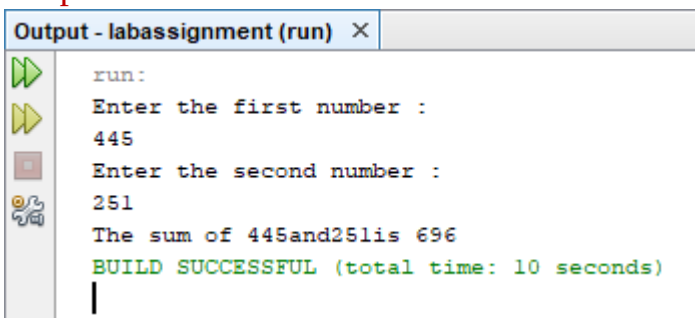
1. Write a program to input and add two numbers using static methods (procedural programming).

Program :

```
package labassignment;

import java.util.Scanner;

public class AddTwonumbers {

    private static int addTwonumbers(int num1, int num2) {
        int sum = num1 + num2;
        return sum;
    }

    public static void main(String[] args) {
        Scanner s = new Scanner(System.in);
        System.out.println("Enter the first number :");
        int num1 = s.nextInt();

        System.out.println("Enter the second number :");
        int num2 = s.nextInt();

            System.out.println("The sum of " + num1 + "and" + num2 + "is " +
            addTwonumbers(num1, num2));
    }
}
```

Output :



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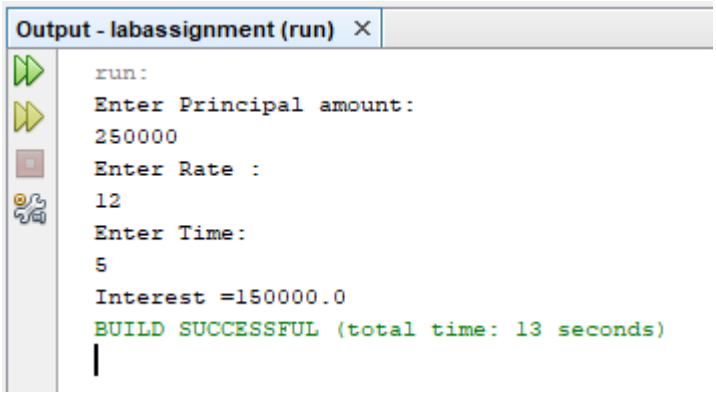
2. Write a program to input principle, time and rate, then calculate simple interest using static methods.

Program:

```
package labassignment;

import java.util.Scanner;

public class SimpleInterest_procedural {

    private static double SimpleInterest(double principal, double rate, double time) {
        double interest = (principal * rate * time) / 100;
        return interest;
    }

    public static void main(String[] args) {
        Scanner i = new Scanner(System.in);
        System.out.println("Enter Principal amount:");
        double principal = i.nextDouble();
        System.out.println("Enter Rate :");
        double rate = i.nextDouble();
        System.out.println("Enter Time:");
        double time = i.nextDouble();

        System.out.println("Interest =" + SimpleInterest(principal, rate, time));
    }
}
```

Output :



Anusha Panta
Roll No:10