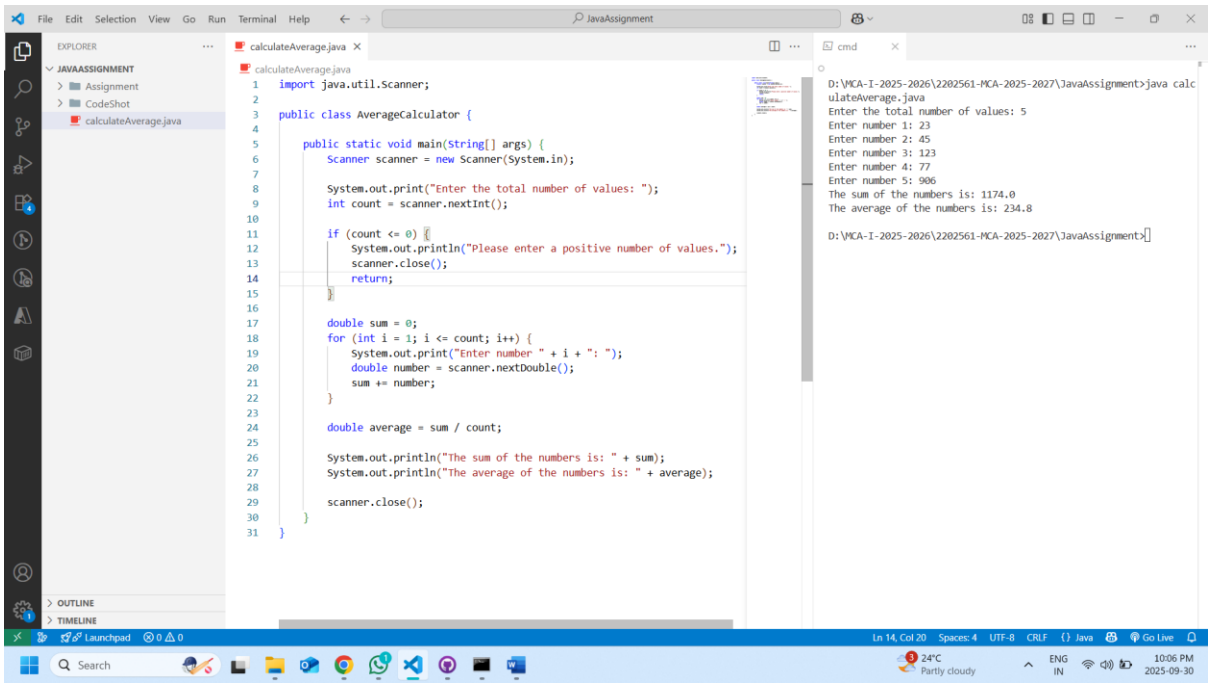
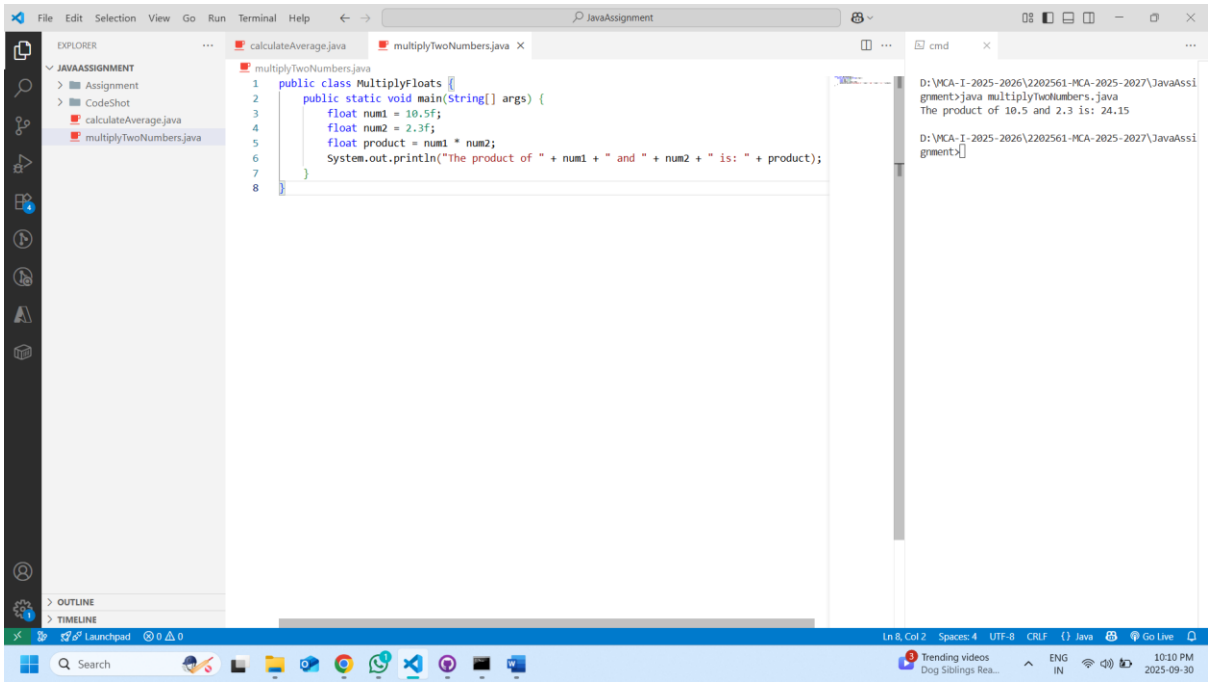
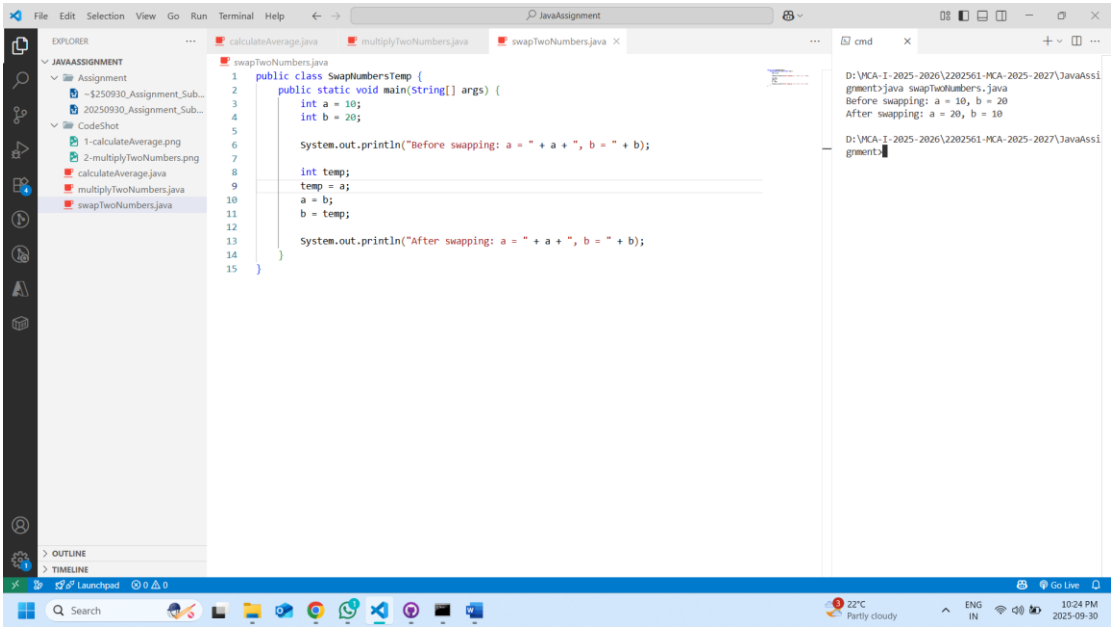
1. Get Input from the User and calculate average



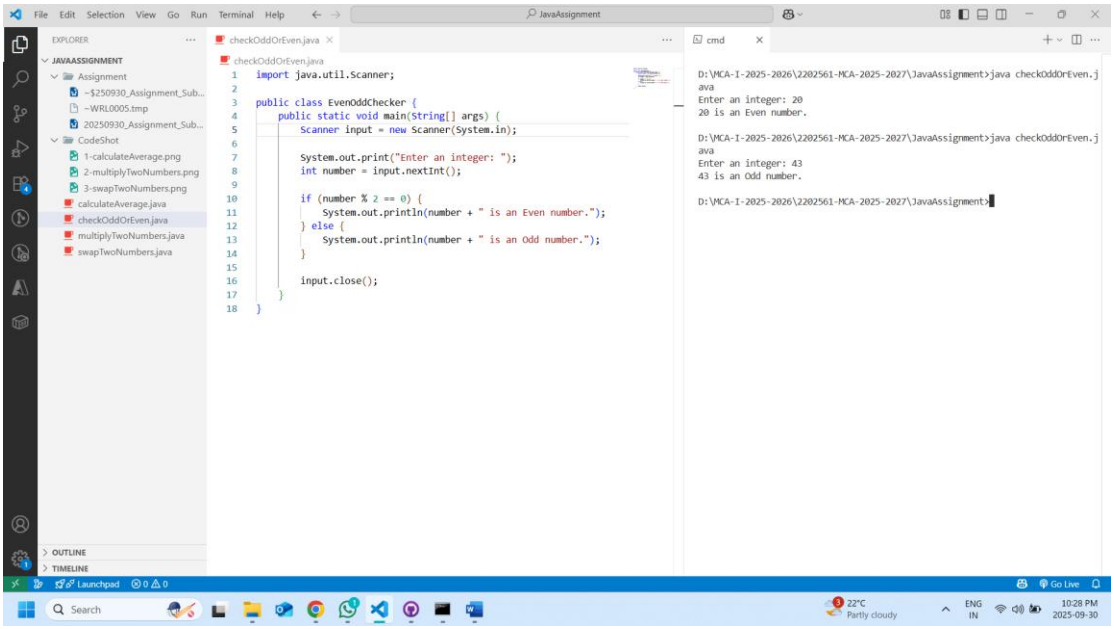
2. Multiply Two Floating-Point Numbers



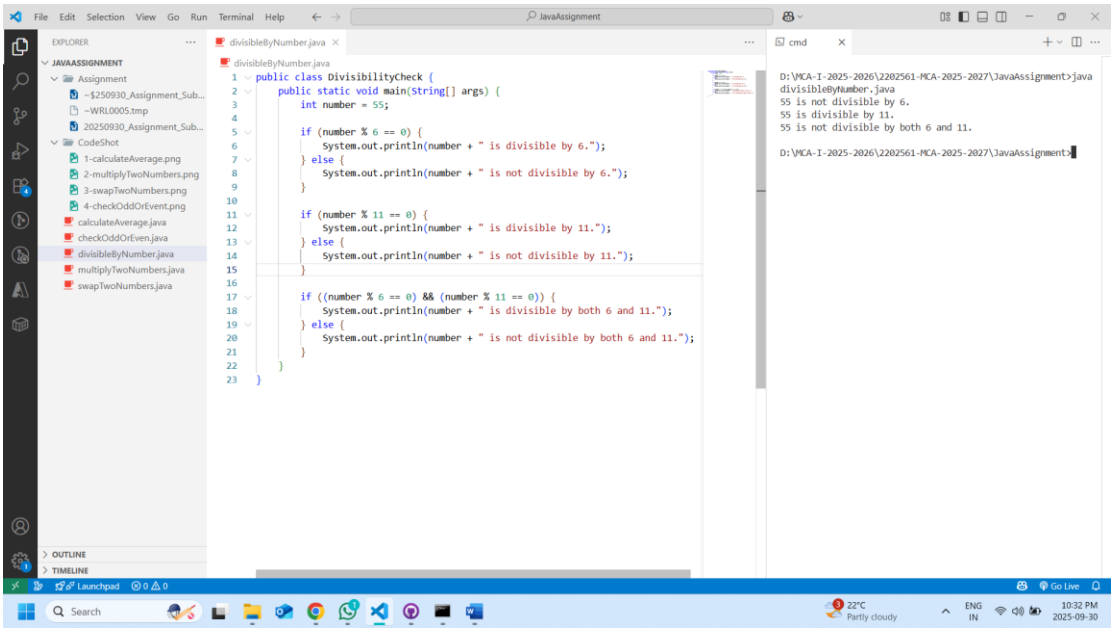
3. Swap Two Numbers



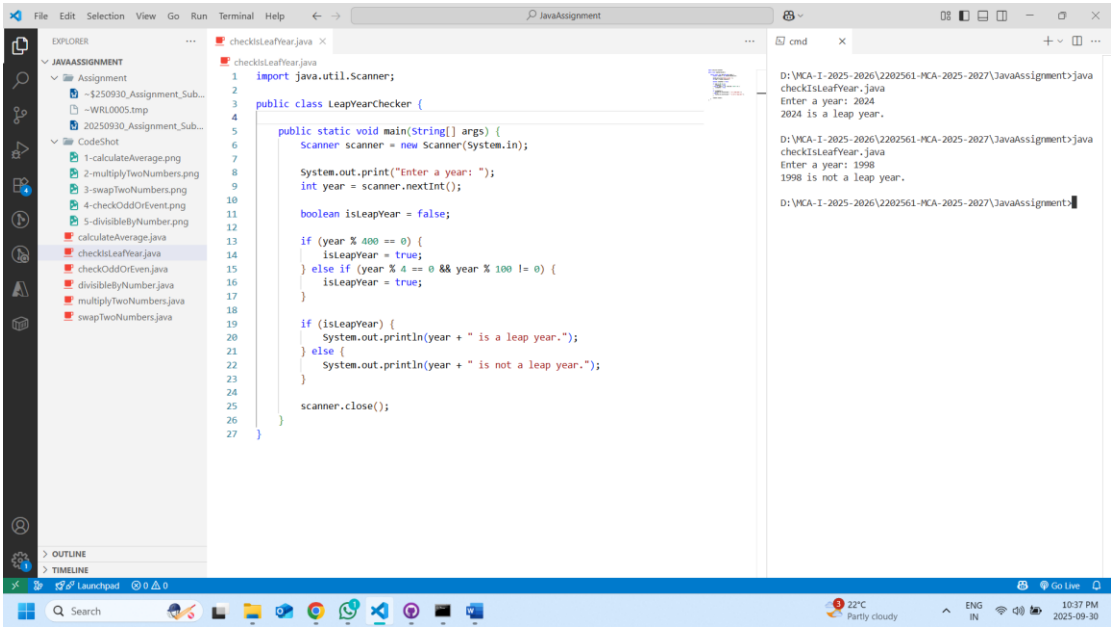
4. Check Even or Odd Integers



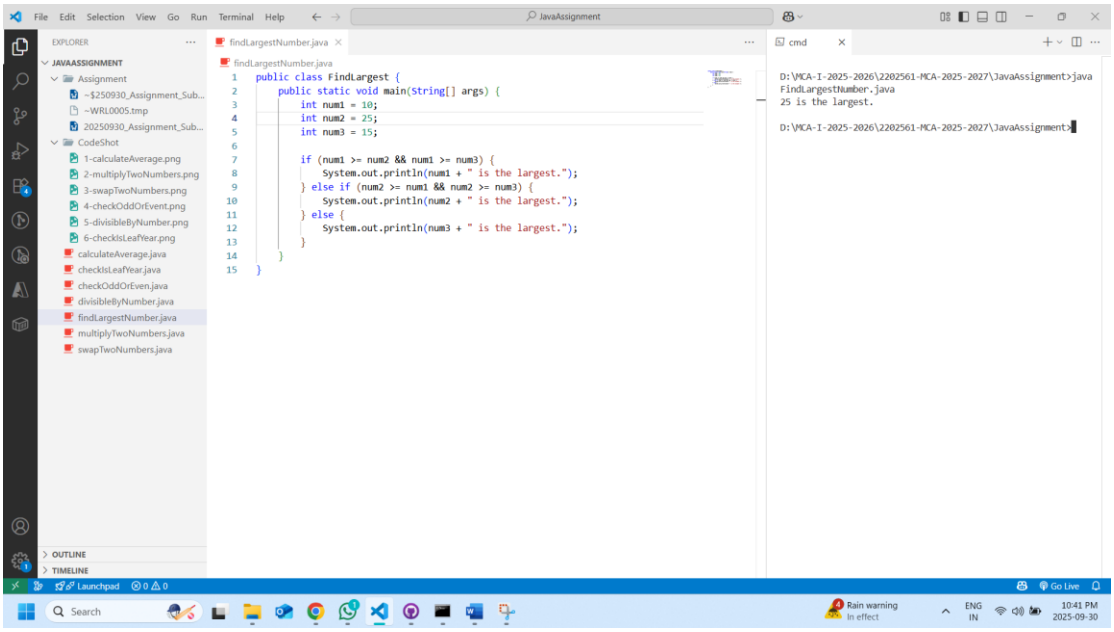
5. Check no, is divisible by 6,11 (e. g. no = 55)



6. Check given no. is leap year not.



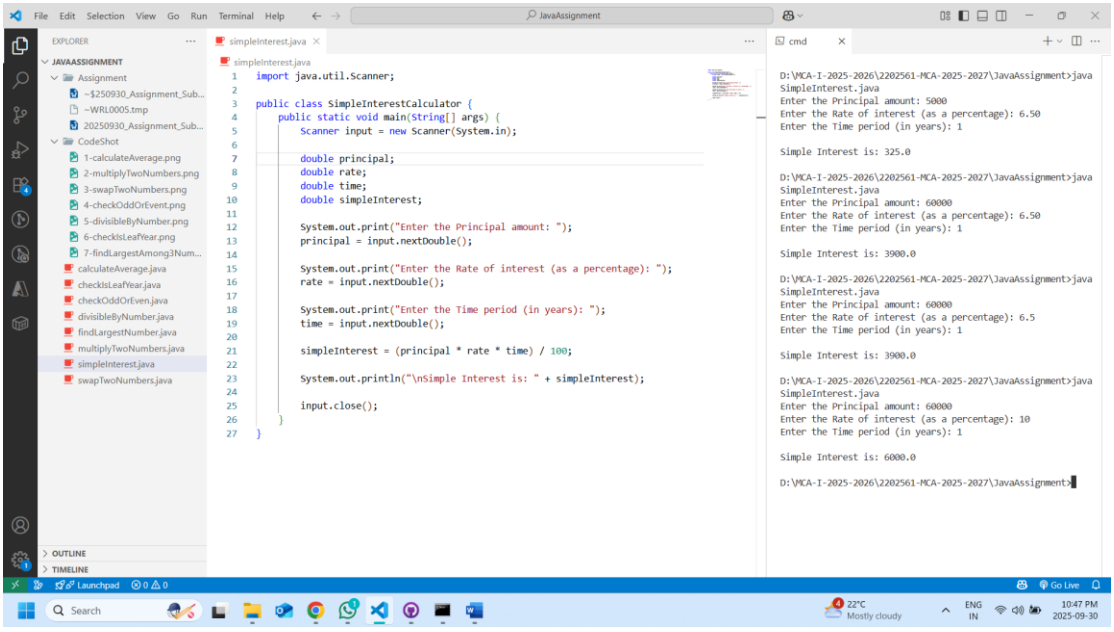
7. Find Largest Among 3 Numbers



```java
public class FindLargest {
    public static void main(String[] args) {
        int num1 = 10;
        int num2 = 25;
        int num3 = 15;

        if (num1 >= num2 && num1 >= num3) {
            System.out.println(num1 + " is the largest.");
        } else if (num2 >= num1 && num2 >= num3) {
            System.out.println(num2 + " is the largest.");
        } else {
            System.out.println(num3 + " is the largest.");
        }
    }
}
```

```
D:\MCA-I-2025-2026\2202561-MCA-2025-2027\JavaAssignment>java
FindLargestNumber.java
25 is the largest.

D:\MCA-I-2025-2026\2202561-MCA-2025-2027\JavaAssignment>
```

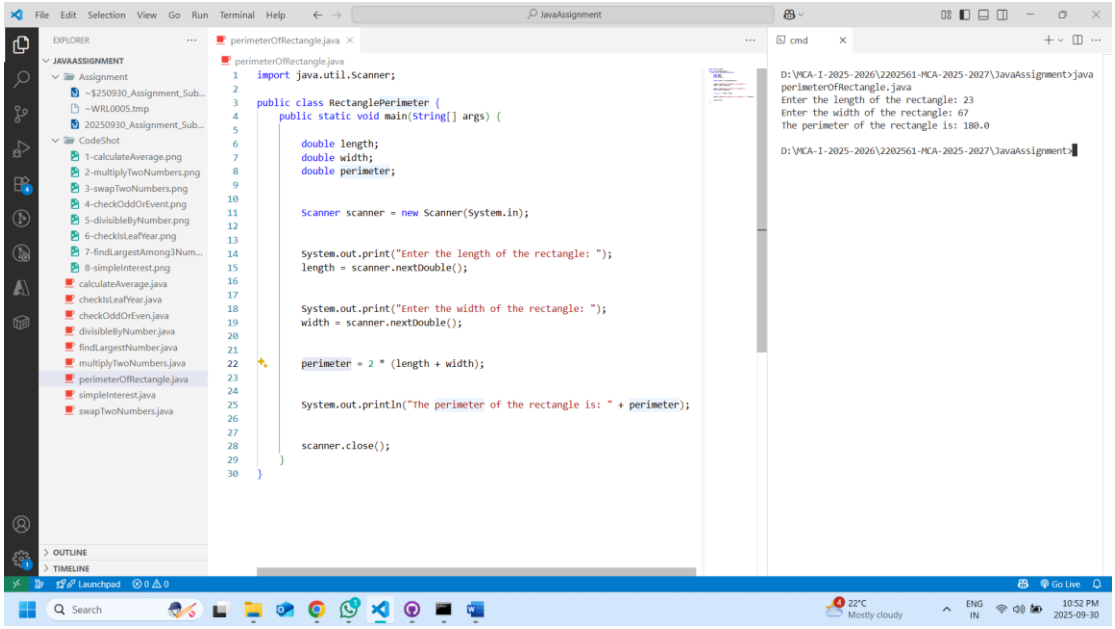
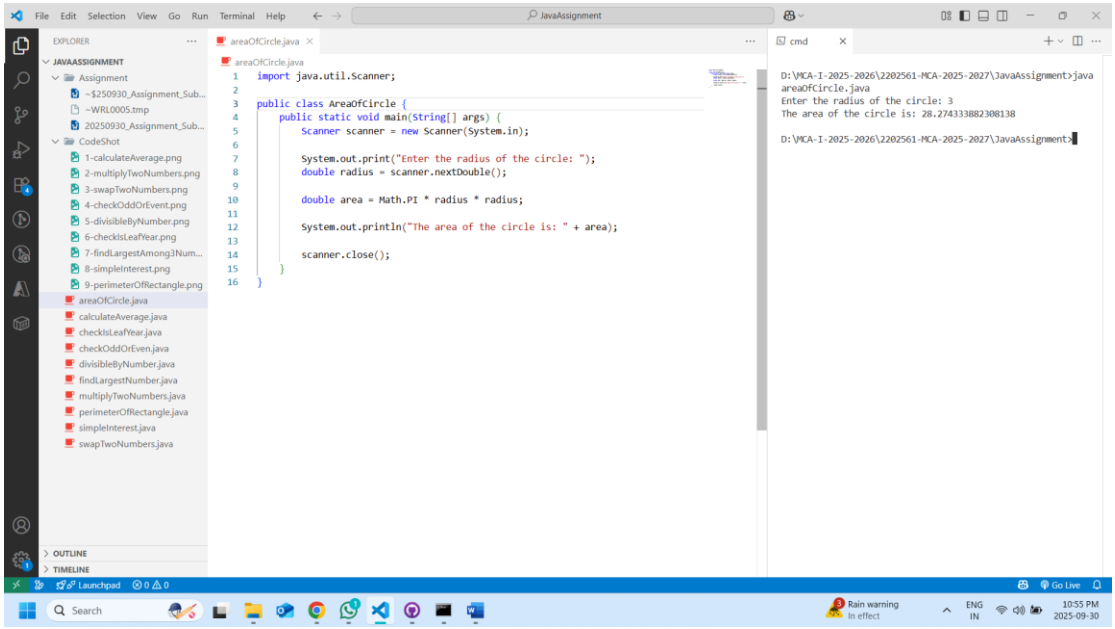
8. Calculate Simple Interest



```java
import java.util.Scanner;

public class SimpleInterestCalculator {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);

        double principal;
        double rate;
        double time;
        double simpleInterest;

        System.out.print("Enter the Principal amount: ");
        principal = input.nextDouble();

        System.out.print("Enter the Rate of interest (as a percentage): ");
        rate = input.nextDouble();

        System.out.print("Enter the Time period (in years): ");
        time = input.nextDouble();

        simpleInterest = (principal * rate * time) / 100;

        System.out.println("\nSimple Interest is: " + simpleInterest);

        input.close();
    }
}
```

```
D:\MCA-I-2025-2026\2202561-MCA-2025-2027\JavaAssignment>java
SimpleInterest.java
Enter the Principal amount: 5000
Enter the Rate of interest (as a percentage): 6.50
Enter the Time period (in years): 1

Simple Interest is: 325.0

D:\MCA-I-2025-2026\2202561-MCA-2025-2027\JavaAssignment>java
SimpleInterest.java
Enter the Principal amount: 60000
Enter the Rate of interest (as a percentage): 6.50
Enter the Time period (in years): 1

Simple Interest is: 3900.0

D:\MCA-I-2025-2026\2202561-MCA-2025-2027\JavaAssignment>java
SimpleInterest.java
Enter the Principal amount: 60000
Enter the Rate of interest (as a percentage): 6.5
Enter the Time period (in years): 1

Simple Interest is: 3900.0

D:\MCA-I-2025-2026\2202561-MCA-2025-2027\JavaAssignment>java
SimpleInterest.java
Enter the Principal amount: 60000
Enter the Rate of interest (as a percentage): 10
Enter the Time period (in years): 1

Simple Interest is: 6000.0

D:\MCA-I-2025-2026\2202561-MCA-2025-2027\JavaAssignment>
```

9. Find the Perimeter of a Rectangle



10.Find area of circle