Assignment 1(Method)

Java Assignment: Create a Method in a Class

Q1. Create a class StudentInfo with a method displayInfo() that prints your name, age, and grade.

```
public class StudentInfo {
   void displayInfo() {
      System.out.println("Name: Aman Sharma");
      System.out.println("Age: 16");
      System.out.println("Grade: 10th");
   }
public static void main(String[] args) {
      StudentInfo student = new StudentInfo();
      student.displayInfo();
   }
}
```

Q2. Create a class Calculator with a method addNumbers() that adds two numbers and prints the result.

```
/* public class Calculator {
   void addNumbers() {
      int num1 = 8;
      int num2 = 12;
      int sum = num1 + num2;
      System.out.println("Sum: " + sum);
   }

   public static void main(String[] args) {
      Calculator calc = new Calculator();
      calc.addNumbers();
   }}  */
```

Q3. Create a class Greeting with a method sayHello() that takes your name as a parameter and prints.

```
/* public class Greeting {
   void sayHello(String name) {
      System.out.println("Hello, " + name + "! Welcome to Java programming.");
   }
public static void main(String[] args) {
      Greeting greet = new Greeting();
      greet.sayHello("Harsh");
   }
}
 */
```

Q4. Create a class Circle with a method calculateArea() that calculates and prints the area of a circle.

```
/* public class Circle {
   void calculateArea() {
      double radius = 7;
      double area = Math.PI * radius * radius;
      System.out.println("Area of Circle: " + area);
   }
public static void main(String[] args) {
      Circle circle = new Circle();
      circle.calculateArea();
   }
} */
```

Q5. Create a class SimpleInterest with a method calculateInterest() that calculates simple interest.

```
public class SimpleInterest {
   void calculateInterest() {
      double P = 1000;
      double T = 2;
      double R = 5;
      double SI = (P * R* T) / 100;
```

```
        System.out.println("Simple Interest: " + SI);
    }
public static void main(String[] args) {
        SimpleInterest interest = new SimpleInterest();
        interest.calculateInterest();
    }
}
```

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B.TECH (CSE-2nd year)

(Lateral Entry)