Session-3 Lab

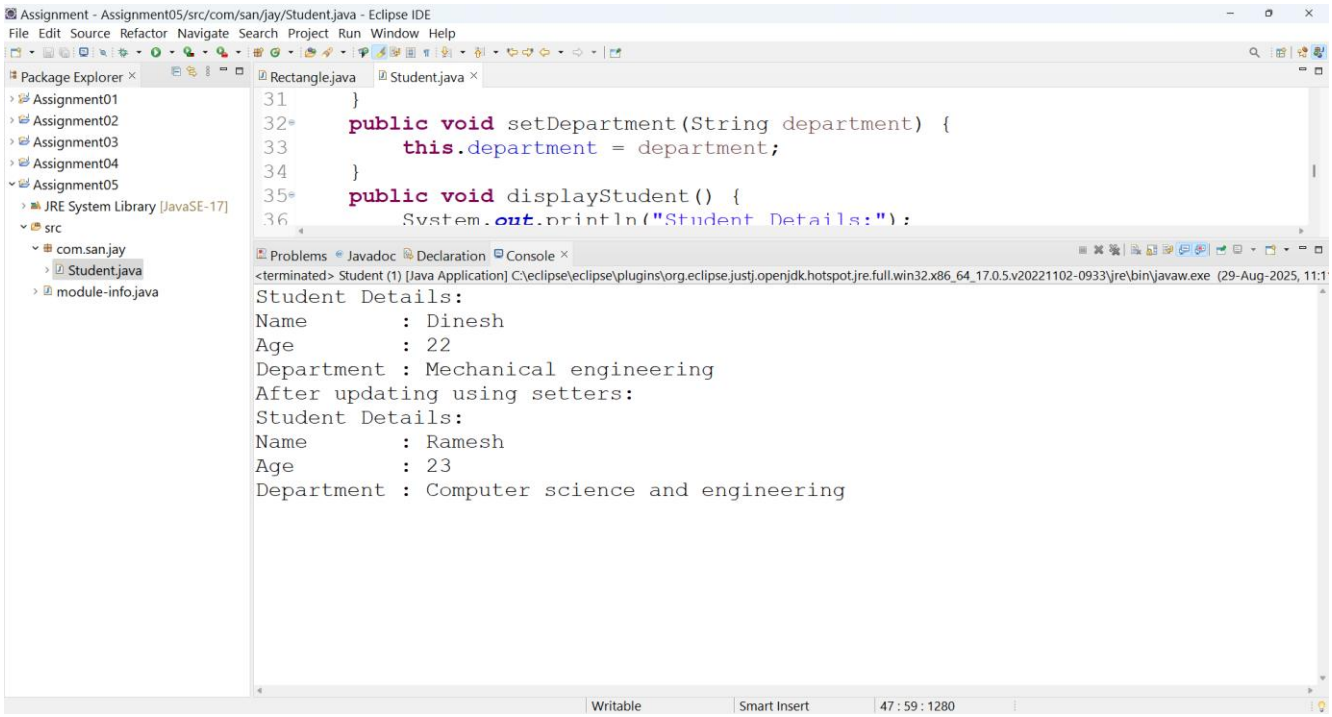
ASSIGNMENT 05

```
package com.san.jay;

public class Student {
	private String name;
	private int age;
	private String department;
	public Student(String name, int age, String department) {
	this.name = name;
	this.age = age;
	this.department = department;
	}
	public String getName() {
	return name;
	}
	public void setName(String name) {
	this.name = name;
	}
	public int getAge() {
	return age;
	}
	public void setAge(int age) {
	this.age = age;
	}
	public String getDepartment() {
	return department;
	}
	public void setDepartment(String department) {
	this.department = department;
	}
	public void displayStudent() {
	System.out.println("Student Details:");
```

```
        System.out.println("Name : " + name);
        System.out.println("Age : " + age);
        System.out.println("Department : " + department);
        }
        public static void main(String[] args) {
        Student s1 = new Student("Dinesh", 22, "Mechanical engineering");
        s1.displayStudent();
        s1.setName("Dinesh");
        s1.setAge(23);
        s1.setDepartment("Mechanical engineeering");
        System.out.println("After updating using setters:");
        s1.displayStudent();
        }
}
```

ASSIGNMENT 05 – OUTPUT



ASSIGNMENT 06

```
package com.san.jay;

import java.util.Scanner;

	public class Calculator {

	public int add(int a, int b) {

	return a + b;

	}

	public int add(int a, int b, int c) {

	return a + b + c;

	}

	public double add(double a, double b) {

	return a + b;

	}

	public static void main(String[] args) {

	Calculator calc = new Calculator();

	Scanner sc = new Scanner(System.in);

	System.out.println("Enter two integers for addition:");

	int x = sc.nextInt();

	int y = sc.nextInt();

	System.out.println("Sum of two integers: " + calc.add(x, y));

	System.out.println("\nEnter three integers for addition:");

	int p = sc.nextInt();

	int q = sc.nextInt();

	int r = sc.nextInt();

	System.out.println("Sum of three integers: " + calc.add(p, q, r));

	System.out.println("\nEnter two doubles for addition:");

	double d1 = sc.nextDouble();

	double d2 = sc.nextDouble();

	System.out.println("Sum of two doubles: " + calc.add(d1, d2));

	sc.close();

	}

}
```

ASSIGNMENT 06 – OUTPUT