1. Session-3 Lab

```
package com.anudip.learning;


public class Car {
	String make;
	String model;
	short year;
	int price;

	//Constructor
	public Car(String make, String model, short year, int price) {
		super();
		this.make = make;
		this.model = model;
		this.year = year;
		this.price = price;
	}

	//Method to display Car Details
	public void displayCarDetails()
	{
		System.out.println("Make : " + make);
		System.out.println("Model : " + model);
```

```
        System.out.println("Year : " + year);
        System.out.println("Price : " + price);
        System.out.println("-----------------------------------");
    }



    public static void main(String[] args) {
        // TODO Auto-generated method stub


        //instantiate car objects
         Car cee = new
Car("Toyta","Fortuner",(short)2023,3800000);
         Car cee1 = new  Car("BMW","M4
Competition",(short)2025,150);
         Car cee2 = new  Car("Porsche","911
Carrera",(short)2025,186 );
         Car cee3 = new  Car("BMW","Z4
Roadster",(short)2025,156);
         Car cee4 = new  Car("Maserati","GranTurismo
Trofeo",(short)2025,250);


         //Display a car details
         cee.displayCarDetails();
         cee1.displayCarDetails();
```

```
            cee2.displayCarDetails();
            cee3.displayCarDetails();
            cee4.displayCarDetails();
        }

}
```

- **OUTPUT**

```
<terminated> Car [Java Application] C:\Users\Rahul Kumar\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.
Make : Toyta
Model : Fortuner
Year : 2023
Price : 3800000
---------------------------------------
Make : BMW
Model : M4 Competition
Year : 2025
Price : 150
---------------------------------------
```

2. Session-3 Lab

```
package com.anudip.learning;


public class Calculator {


	//Add three methods called add()
	//The first add()
	public int add(int a, int b)
	{
		return a+b;
	}


	//The second add()
	public int add(int a,int b,int c)
	{
		return a+b+c;
	}
	//The third add()
	public double add(double a,double b)
	{
		return a+b;
```

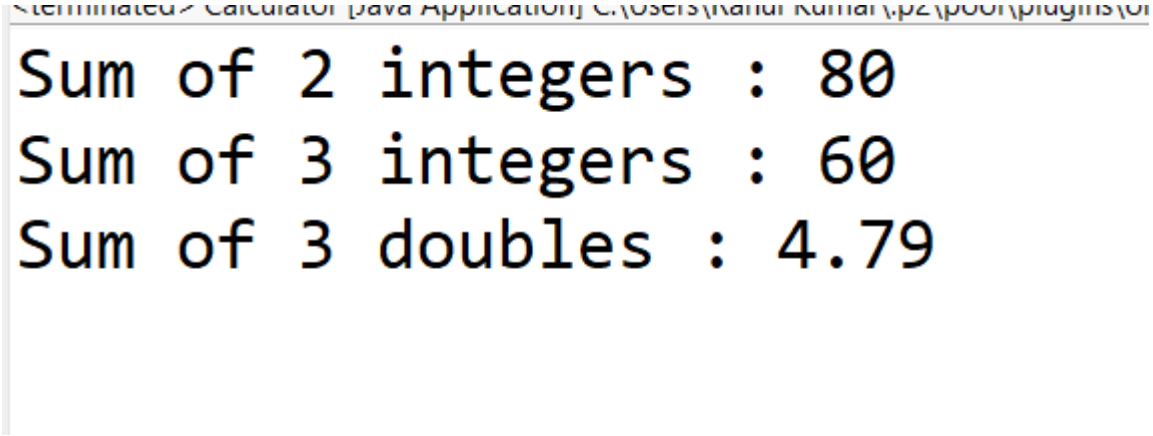
```
	}

	public static void main(String[] args) {
		// TODO Auto-generated method stub
		//Display the results
		Calculator cal1 = new Calculator();
		System.out.println("Sum of 2 integers : " + cal1.add(30, 50));
		System.out.println("Sum of 3 integers : " + cal1.add(10, 20, 30));
		System.out.println("Sum of 3 doubles : " + cal1.add(2.34,2.45));

	}

}
```

- **OUTPUT**



3. Session-3 Lab

```
package com.anudip.learning;


public class Student {
	 private String name;
	 private int age;
	 private String department;

	//constructor that takes all three attributes as parameters.
	public Student(String name, int age, String department) {
		super();
		this.name = name;
		this.age = age;
		this.department = department;
	}

	//setter and getter methods
	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 static void main(String[] args) {
		// TODO Auto-generated method stub

	}

}
```

- **IN THIS PROGRAMM OUTPUT IS NOT THERE**