

Assignment no: 01

Code:

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

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

    public void displayInfo(){
        System.out.println("--Car detail--");
        System.out.println("Make: "+make);
        System.out.println("Model: "+model);
        System.out.println("Year: "+year);
        System.out.println("Price: "+price);
    }

    public static void main(String[] args) {
        Car c = new Car("India","maruti",(short) 2000,100000);
        c.displayInfo();
    }
}
```

Output:

```
PS W:\Tranning\lab codes> w;; cd 'w:\Tranning\lab codes'
nExceptionMessages' '-cp' 'C:\Users\Piyush Bhadade\AppData\Local\Temp\s_5b726f0f\bin' 'Car'
--Car detail--
Make: India
Model: maruti
Year: 2000
Price: 100000
PS W:\Tranning\lab codes>
```

## Assignment no: 02

Code:

```
public class calculator {
    int add(int a , int b){
        return a + b;
    }
    int add(int a , int b, int c){
        return a + b + c;
    }
    double add(double a , double b){
        return a + b;
    }
    public static void main(String[] args) {
        calculator c = new calculator();
        System.out.println("Addition of two numbers is: " + c.add(2,2));
        System.out.println("Addition of three numbers is: " + c.add(2,2,2));
        System.out.println("Addition two float number is: " + c.add(4.6,6.2));
    }
}
```

Output:

```
PS W:\Tranning\lab codes> w;; cd 'w:\Tranning\lab codes\
InExceptionMessages' '-cp' 'C:\Users\Piyush Bhargava\AppData\Local\Microsoft\Windows\bin' 'calculator'
Addition of two numbers is: 4
Addition of three numbers is: 6
Addition two float number is: 10.8
PS W:\Tranning\lab codes>
```

## Assignment no: 03

Code:

Without main only getter and setter:

```
public class Studdent{
    private String name;
    private int age;
    private String department;

    public Studdent(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;
    }
}
```

With main method for sample example:

```
public class Studdent {
    private String name;
    private int age;
    private String department;

    public Studdent(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 static void main(String[] args) {
        Studdent s1 = new Studdent("Piyush",19, "Computer Engineering");
        System.out.println("Name: " + s1.getName());
        System.out.println("Age: " + s1.getAge());
        System.out.println("Department: " + s1.getDepartment());
    }
}
```

Output:

```
● PS W:\Tranning\lab codes> w;; cd 'w:\Tranning\lab
nExceptionMessages' '-cp' 'C:\Users\Piyush Bhadade
s_5b726f0f\bin' 'Studdent'
Name: Piyush
Age: 19
Department: Computer Engineering
○ PS W:\Tranning\lab codes> □
```