

## Assignment :1

```
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 displayDetails() {  
        System.out.println("Car Details:");  
        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) {
```

```
        Car car1 = new Car("Toyota", "Camry", (short)2022, 2500000);  
        Car car2 = new Car("Honda", "City", (short)2021, 1500000);  
        Car car3 = new Car("Hyundai", "Creta", (short)2023, 1800000);
```

```
        car1.displayDetails();  
        car2.displayDetails();  
        car3.displayDetails();  
    }}
```

## Assignment :2

```
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();

        int sum2 = calc.add(5, 15, 25);
        double sum3 = calc.add(3.5, 2.8);
        int sum1 = calc.add(10, 20);
        System.out.println("Sum of two integers (10 + 20): " + sum1);
        System.out.println("Sum of three integers (5 + 15 + 25): " + sum2);
        System.out.println("Sum of two doubles (3.5 + 2.8): " + sum3);
    }
}
```