Write a java Program named Car Class.The Car class should have the attributes: make(String),model(String),Year(Short),and price(int).The car should have a constructor that takes all the attributes.Add a main method to instantiate car objects. The program should allow the user create and display objects of each.

```
import java.util.Scanner;

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

   // Constructor
   public Car(String make, String model, short year, int price)
{
      this.make = make;
      this.model = model;
      this.year = year;
      this.price = price;
   }
   // Display car information
   public void displayCarInfo()
{
      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)
{
      Scanner scanner = new Scanner(System.in);

      System.out.println("Creating a car object");
      System.out.print("Enter the car's make: ");
      String make = scanner.nextLine();
      System.out.print("Enter the car's model: ");
      String model = scanner.nextLine();
      System.out.print("Enter the car's year: ");
      short year = scanner.nextShort();
      System.out.print("Enter the car's price: $");
      int price = scanner.nextInt();
      Car car = new Car(make, model, year, price);
      System.out.println("\nCar Information:");
      car.displayCarInfo();
```

```
        scanner.close();
    }
}
```

OUTPUT

```
C:\User\Javaprogram> javac Car.java //Press Entered
C:\User\Javaprogram>java Car //Press Entered
Creating a car object
Enter the car’s make: benz
Enter the car’s model: a4
Enter the car’s year: 2020
Enter the car’s price: $100000
Car Information:
Make: benz
Model: a4
Year: 2020
Price: $100000
```

Assignmen-2: - Define a Student class with the following data members like idno, name, course, average and methods to read and display the student data.

```
import java.util.Scanner;
class Student {
    // member variables
    private int idno;
    private String name;
    private String course;
    private double average;
    // Method to read student data
    public void readStudentData() {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter Student ID: ");
        idno = scanner.nextInt();
        scanner.nextLine(); // Consume the newline character
        System.out.print("Enter Student Name: ");
        name = scanner.nextLine();
        System.out.print("Enter Course: ");
        course = scanner.nextLine();
         System.out.print("Enter Average: ");
        average = scanner.nextDouble();
    }

    // Method to display student data
    public void displayStudentData() {
        System.out.println("Student ID: " + idno);
        System.out.println("Student Name: " + name);
        System.out.println("Course: " + course);
        System.out.println("Average: " + average);
    }

    // main method
    public static void main(String[] args) {
        Student student = new Student();
        System.out.println("Enter student details:");
        student.readStudentData();
        System.out.println("\nStudent Details:");
        student.displayStudentData();
    }
}
```

OUTPUT

```
C:\User\Javaprogram>javac Student.java //Press Enter
C:\User\Javaprogram>java Student //Press Enter
Enter student details:
Enter Student ID: 09
Enter Student Name: Shravanthi
Enter Course: java
Enter Average: 86
Student ID: 9
Student Name: Shravanthi
Course: java
Average: 86.0
```