

### **//Question 1: Car Showroom System**

```
package Objects;

public class Car {

    static String ShowRoom = "Elite Motors";

    String CarModel;

    int price;

    public void displayData() {

        System.out.println("Showroom Name : " + ShowRoom);

        System.out.println("Car Model: " + CarModel);

        System.out.println("Car Price : " + price);

        System.out.println("-----");

    }

    public static void main(String[] args) {

        Car car1 = new Car();

        car1.CarModel = "Tesla M0del S";

        car1.price = 80000;

        car1.displayData();

        Car car2 = new Car();

        car2.CarModel = "BMW X5";

        car2.price = 75000;

        car2.displayData();

    }

}
```

### **//Question 2: Library Books Records**

```
package Objects;

public class Library {

    static String LibraryName = "City Public Library";

    String BookTitle;

    String BookAuthor;
```

```

public void displayData() {
    System.out.println("Library Name :"+ LibraryName);
    System.out.println("Book Title :"+ BookTitle);
    System.out.println("Book Author :"+ BookAuthor);
    System.out.println("-----");
}
public static void main(String [] args) {
    Library l1 = new Library();
    l1.BookTitle = "The Great Gatsby";
    l1.BookAuthor = "F. Scott Fitzgerald";
    l1.displayData();

    Library l2 = new Library();
    l2.BookTitle = "1984";
    l2.BookAuthor = "George Orwell";
    l2.displayData();
}
}

```

### **//Question 3: Mobile Store System**

```

package Objects;

public class MobileStoreSystem {
    static String StoreName = "Tech World";
    String brand;
    int price;
    public void displayData() {
        System.out.println("Store Name : " + StoreName);
        System.out.println("Mobile Brand :"+ brand);
        System.out.println("Mobile Price :"+ price);
        System.out.println("-----");
    }
}

```

```

public static void main(String [] args) {

    MobileStoreSystem m1 = new MobileStoreSystem();

    m1.brand = "Apple";

    m1.price = 1200;

    m1.displayData();


    MobileStoreSystem m2 = new MobileStoreSystem();

    m2.brand = "Samsung";

    m2.price = 900;

    m2.displayData();

}
}

```

#### **//Question 4: Hospital Patient Management**

```

package Objects;

public class Hospital {

    static String HospitalName = "City Care Hospital";

    String patientName;

    int patientAge;

    public void displayData() {

        System.out.println("Hospital Name :"+HospitalName);

        System.out.println("Patient Name :"+ patientName);

        System.out.println("Patient Age :"+ patientAge);

        System.out.println("-----");

    }

    public static void main(String [] args) {

        Hospital p1 =new Hospital();

        p1.patientName = "John Doe";

        p1.patientAge = 45;

        p1.displayData();

    }

}

```

```

Hospital p2 =new Hospital();
p2.patientName = "Emma Watson";
p2.patientAge = 30;
p2.displayData();
}
}

```

### **//Question 5: University Faculty Records**

```

package Objects;

public class University {

    static String UniversityName="Stanford University";
    String FacultyName;
    String Dept;
    public void displayData() {
        System.out.println("University Name :"+ UniversityName);
        System.out.println("Faculty Name :"+ FacultyName);
        System.out.println("Department :"+ Dept);
        System.out.println("-----");
    }

    public static void main(String [] args) {
        University f1 =new University();
        f1.FacultyName = "Dr. Robert Brown";
        f1.Dept = "Computer Science";
        f1.displayData();
        University f2 =new University();
        f2.FacultyName ="Dr. Lisa Green";
        f2.Dept = "Physics";
        f2.displayData();
    }
}

```