AFARI JESSE

P191301

JAVA LAB THREE

Car Demo

Demo One

```java
class car{
      String name;
      String model;
      String Transmission;
      int year;

}
public class carDemo {
      public static void main(String[] args) {
            car ca = new car();
            ca.name="Toyota";
            ca.model="Four Wheel";
            ca.Transmission="Dual";
            ca.year=2017;

            System.out.println("Car Details");
            System.out.println("Name: "+ca.name);
            System.out.println("Model: "+ca.model);
            System.out.println("Transmission: "+ca.Transmission);
            System.out.println("Year: "+ca.year);

      }
}
```

Output

```
<terminated> carDemo [Java Application]
Car Details
Name: Toyota
Model: Four Wheel
Transmission: Dual
Year: 2017
```

Demo Two

```java
public class carDemo2 {
    public static void main(String[] args) {
        car ca = new car();

        ca.name="Toyota";
        ca.model="Four Wheel";
        ca.Transmission="Dual";
        ca.year=2017;

        car ca2 = new car();
        ca2.name="Benz";
        ca2.model="Salon";
        ca2.Transmission="Automatic";
        ca2.year=2018;

        System.out.println("Car Details");
        System.out.println("Name: "+ca.name);
        System.out.println("Model: "+ca.model);
        System.out.println("Transmission: "+ca.Transmission);
        System.out.println("Year: "+ca.year);

        System.out.println("\nCar 2 Details");
        System.out.println("Name: "+ca2.name);
        System.out.println("Model: "+ca2.model);
        System.out.println("Transmission: "+ca2.Transmission);
        System.out.println("Year: "+ca2.year);
    }
}
```

Output

```
<terminated> carDemo2 [Java Application]
Car Details
Name: Toyota
Model: Four Wheel
Transmitionion: Dual
Year: 2017

Car 2 Details
Name: Benz
Model: Salon
Transmission: Automatic
Year: 2018
```

Demo Three

```java
class carinfo{
    String name;
    String model;
    String Transmission;
    int year;

void cardetails() {

    System.out.println("Car Details");
    System.out.println("Name: "+name);
    System.out.println("Model: "+model);
    System.out.println("Transmission: "+Transmission);
    System.out.println("Year: "+year);

}
}
public class carDemo3 {
    public static void main(String[] args) {
        carinfo ca = new carinfo();

        ca.name="Toyota";
        ca.model="Four Wheel";
        ca.Transmission="Dual";
        ca.year=2017;
        ca.cardetails();
}
}
```

Output

```
<terminated> carDemo3 [Java Application]
Car Details
Name: Toyota
Model: Four Wheel
Transmission: Dual
Year: 2017
```

Demo Four

```java
class carinfo1{
    String name;
    String model;
    String Transmission;
    int year;
    double rentprice,totalrent;
    int days;

    void rentdetails() {
        System.out.println("Car Rent Details");
        System.out.println("Name: "+name);
```

```java
            System.out.println("Model: "+model);
            System.out.println("Transmission: "+Transmission);
            System.out.println("Year: "+year);
            System.out.println("Days: "+days);
            System.out.println("Rent Per day: "+rentprice);
    }

    Double total() {
            totalrent=rentprice*days;
            return totalrent;}}


public class carDemo4 {

    public static void main(String[] args) {

            double t;
            carinfo1 ca = new carinfo1();
            ca.name="Toyota";
            ca.model="Four Wheel";
            ca.Transmission="Dual";
            ca.year=2017;
            ca.days=10;
            ca.rentprice=100.50;

            ca.rentdetails();
            t=ca.total();
            System.out.println("Total Rent: "+t);



    }
}
```

Output

```
<terminated> carDemo4 [Java Application]
Car Rent Details
Name: Toyota
Model: Four Wheel
Transmission: Dual
Year: 2017
Days: 10
Rent Per day: 100.5
Total Rent: 1005.0
```

Customer Demo

Demo One

```java
import java.util.*;
class customerI{
    String name;
    int age;
    double payment;
}

public class Customer {
    public static void main(String[] args) {
        customerI cus = new customerI();
        cus.name="Jesse";
        cus.age=20;
        cus.payment=10000.4;

        System.out.println("Customer Details: ");
        System.out.println("\nName: "+cus.name);
        System.out.println("Age: "+cus.age);
        System.out.println("Payment: "+cus.payment);
    }
}
```

Output

```
<terminated> Customer [Java Application]
Customer Details:

Name: Jesse
Age: 20
Payment: 10000.4
```

Demo Two

```java
public class CustomerDemo2 {
    public static void main(String[] args) {

        customerI cus = new customerI();
        customerI cus2=new customerI();

        cus.name="Jesse";
        cus.age=20;
        cus.payment=10000.4;

        cus2.name="Jason";
        cus2.age=25;
        cus2.payment=20000.4;

        System.out.println("Customer Details One: ");
        System.out.println("\nName: "+cus.name);
```

```java
        System.out.println("Age: "+cus.age);
        System.out.println("Payment: "+cus.payment);

        System.out.println("Customer Details Two: ");
        System.out.println("\nName: "+cus2.name);
        System.out.println("Age: "+cus2.age);
        System.out.println("Payment: "+cus2.payment);
        }
}
```

Output

Customer Details One:

Name: Jesse
Age: 20
Payment: 10000.4
Customer Details Two:

Name: Jason
Age: 25
Payment: 20000.4

Demo Three

```java
class customerInfo{
        String name;
        int age;
        double payment;

void details() {
        System.out.println("Customer Details One: ");
        System.out.println(name);
        System.out.println(age);
        System.out.println(payment);
}
}

public class CustomerDemo3 {
        public static void main(String[] args) {

                customerInfo cus = new customerInfo();
                customerI cus2=new customerI();

                cus.name="Jesse";
                cus.age=20;
                cus.payment=10000.4;

                cus.details();

        }
}
```

Output

```
<terminated> CustomerDemo3
Customer Details One:
Jesse
20
10000.4
```

Demo Four

```java
class customerGoods{
      String name,item1,item2;
      int age;
      double payment,totalprice,item1p,item2p;

void details() {
      System.out.println("Customer Details One: ");
      System.out.println(name);
      System.out.println(age);
      System.out.println(item1);
      System.out.println(item2);
}
Double total() {
      totalprice=item1p+item2p;
      return totalprice;}}

public class CustomerDemo4 {
public static void main(String[] args) {

      double t;
            customerGoods cus = new customerGoods();
            cus.name="Jesse";
            cus.age=20;
            cus.item1="Tomatoes";
            cus.item2="Fish";
            cus.item1p=50.50;
            cus.item2p=60.5;

cus.details();
t=cus.total();
System.out.println("Total Purchase: "+t);
}
}
```

Output

```
<terminated> CustomerDemo
Customer Details One:
Jesse
20
Tomatoes
Fish
Total Purchase: 111.0
```