

Q1.

The screenshot displays the Eclipse IDE interface with the following components:

- Left Panel (Project Explorer):** Shows a project named 'lab4' containing files 'Invoice.java' and 'InvoiceTest.java'.
- Editor (Invoice.java):**

```
1 package lab4;
2 import java.util.*;
3 public class Invoice {
4     private String partNo;
5     private String description;
6     private int quantity;
7     private double price;
8
9     Invoice(){
10         quantity = 0;
11         price = 0.0;
12     }
13     Invoice(String partNo, String desc, double price){
14         this.partNo = partNo;
15         description = desc;
16         this.price = price;
17     }
18     Invoice(String partNo, String desc, double price, int quantity){
19         this.partNo = partNo;
20         description = desc;
21         this.price = price;
22         this.quantity = quantity;
23     }
24
25     public String getDesc() {
26         return description;
27     }
28     public String getPartNo() {
29         return partNo;
30     }
31     public int getQuantity() {
32         return quantity;
33     }
34     public double getPrice() {
35         return price;
36     }
37     public void setDesc(String description) {
38         this.description = description;
39     }
}
```
- Console:** Shows the execution output of 'InvoiceTest [Java Application]'. It displays prompts for user input and the resulting object details for two instances.

```
<terminated> InvoiceTest [Java Application] C:\Program Files\Java\jdk1.8.0_144\bin\javaw.exe
For any object, the default values for quantity is 0 and price 0.0
Enter the following details for obj1
Enter the partNo:
S123
Enter the description:
Longlasting
Enter the Quantity:
4
Enter the price:
20.5
*****OBJECT-1*****
PartNo: S123
Description: Longlasting
Quantity: 4
Price: 20.5
InvoiceAmount: 82.0
Enter the following details for obj2
Enter the partNo:
S124
Enter the description:
Durable
Enter the price:
55.75
*****OBJECT-2*****
PartNo: S124
Description: Durable
Quantity: 0
Price: 55.75
InvoiceAmount: 0.0
Enter the quantity for obj2
20
*****OBJECT-2*****
PartNo: S124
Description: Durable
Quantity: 20
Price: 55.75
```
- Right Panel (Outline):** Shows the class structure of 'Invoice' with methods: 'partNo', 'description', 'quantity', 'price', 'Invoice()', 'getDesc()', 'getPartNo()', 'getQuantity()', 'getPrice()', 'setDesc()', and 'setPartNo()'.
- Bottom Status Bar:** Displays 'Writable', 'Smart Insert', and the cursor position '63:1:1480'.

Q1.

eclipse-workspace - M/src/lab4/Invoice.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Pac... Invoice.java InvoiceTest.java

```
38     this.description = description;
39 }
40 public void setPartNo(String partNo) {
41     this.partNo = partNo;
42 }
43 public void setQuantity(int quantity) {
44     this.quantity = quantity;
45 }
46 public void setPrice(double price) {
47     this.price = price;
48 }
49 public double getInvoiceAmount() {
50     return quantity*price;
51 }
52 public void getDetails() {
53     Scanner sc = new Scanner(System.in);
54     System.out.println("Enter the partNo:");
55     this.setPartNo(sc.nextLine());
56     System.out.println("Enter the description:");
57     this.setDesc(sc.nextLine());
58     System.out.println("Enter the Quantity:");
59     this.setQuantity(sc.nextInt());
60     System.out.println("Enter the price:");
61     this.setPrice(sc.nextDouble());
62 }
63 public void displayDetails(String header) {
64     System.out.println(header);
65     System.out.println("PartNo: "+this.getPartNo());
66     System.out.println("Description: "+this.getDesc());
67     System.out.println("Quantity: "+this.getQuantity());
68     System.out.println("Price: "+this.getPrice());
69     System.out.println("InvoiceAmount: "+this.getInvoiceAmount());
70 }
71 }
72 public static void main(String[] args) {
73     // TODO Auto-generated method stub
74 }
75 }
76 }
```

Problems Javadoc Declaration Console

<terminated> InvoiceTest [Java Application] C:\Program Files\Java\jdk1.8.0_144\bin\javaw.exe

Enter the following details for obj2

Enter the partNo:
S124

Enter the description:
Durable

Enter the price:
55.75

*****OBJECT-2*****

PartNo: S124
Description: Durable
Quantity: 0
Price: 55.75
InvoiceAmount: 0.0

Enter the quantity for obj2
20

*****OBJECT-2*****

PartNo: S124
Description: Durable
Quantity: 20
Price: 55.75
InvoiceAmount: 1115.0

Enter the following details for obj3

Enter the partNo:
S125

Enter the description:
Reliable

Enter the price:
12.75

Enter the quantity
2

*****OBJECT-3*****

PartNo: S125
Description: Reliable
Quantity: 2
Price: 12.75
InvoiceAmount: 25.5

partN
descri
quant
price:
Invoice
Invoice
Invoice
getDe
getPa
getQu

Writable Smart Insert 63:1:1480

10:01 AM 9/11/2020

The image shows the Eclipse IDE interface. The top menu bar includes File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. The left-hand Package Explorer shows a project named 'lab4' with two packages: 'hw' and 'lab4'. The 'lab4' package contains several Java files, including 'InvoiceTest.java'. The main editor window displays the code for 'InvoiceTest.java'. The code defines a package 'lab4', imports 'java.util.*', and defines a public class 'InvoiceTest'. The 'main' method uses a 'Scanner' to take user input for two objects, 'obj1' and 'obj2'. It prompts the user for part number, description, quantity, and price for each object, and then displays the details for each object. The right-hand Console window shows the output of the program, including the prompts and the user's input, followed by the details of the two objects. The bottom status bar shows the system time as 10:02 AM on 9/11/2020.

The screenshot displays the Eclipse IDE interface with the following components:

- Top Bar:** eclipse-workspace - M/src/lab4/InvoiceTest.java - Eclipse IDE
- Menu Bar:** File Edit Source Refactor Navigate Search Project Run Window Help
- Toolbar:** Standard Eclipse development tools.
- Left Panel (Project Explorer):** Shows a project named 'lab4' containing files like Q6.java, radiu..., Rem..., Selec..., Shift..., Ship..., Stud..., Twin..., type..., week..., week..., week..., week..., week..., applicat..., hw, Accc..., c1.ja..., c2.ja..., hw2, c3.ja..., lab4, Invoi..., and Invoi... The file 'InvoiceTest.java' is selected.
- Main Editor:** Displays the source code of 'InvoiceTest.java'. The code includes:
 - Imports: `import java.util.Scanner;`
 - Class Definition: `public class InvoiceTest {`
 - Method `main(String[] args)`:
 - Creates a `Scanner sc = new Scanner(System.in);`
 - Prompt: `System.out.println("Enter the following details for obj1");`
 - Gets partNo, description, price, and quantity for obj1.
 - Creates `Invoice obj1 = new Invoice(partNo, des, cost, quant);`
 - Calls `obj1.displayDetails()`.
 - Prompt: `System.out.println("Enter the following details for obj2");`
 - Gets partNo, description, price, and quantity for obj2.
 - Creates `Invoice obj2 = new Invoice(part, des, cost);` (Note: missing 'quant' parameter).
 - Calls `obj2.displayDetails()`.
 - Prompt: `System.out.println("Enter the following details for obj3");`
 - Gets partNo, description, price, and quantity for obj3.
 - Creates `Invoice obj3 = new Invoice(part, des, cost, quant);`
 - Calls `obj3.displayDetails()`.
 - Closes the class with `}`
- Right Panel (Console):** Shows the execution output:
 - <terminated> InvoiceTest [Java Application] C:\Program Files\Java\jdk1.8.0_144\bin\javaw.exe
 - Enter the partNo: S124
 - Enter the description: Durable
 - Enter the price: 55.75
 - *****OBJECT-2*****
 - PartNo: S124
 - Description: Durable
 - Quantity: 0
 - Price: 55.75
 - InvoiceAmount: 0.0
 - Enter the quantity for obj2 20
 - *****OBJECT-2*****
 - PartNo: S124
 - Description: Durable
 - Quantity: 20
 - Price: 55.75
 - InvoiceAmount: 1115.0
 - Enter the following details for obj3
 - Enter the partNo: S125
 - Enter the description: Reliable
 - Enter the price: 12.75
 - Enter the quantity 2
 - *****OBJECT-3*****
 - PartNo: S125
 - Description: Reliable
 - Quantity: 2
 - Price: 12.75
 - InvoiceAmount: 25.5
- Bottom Status Bar:** Shows system icons and the date/time: 10:02 AM 9/11/2020.

Q2.

Invoice.java
InvoiceTest.java
Time.java
TimeTest.java

```

1 package lab4;
2 import java.util.*;
3 public class Time {
4     private int ss,mm,hh;
5
6     Time(){
7         ss = 0;
8         mm = 0;
9         hh = 0;
10    }
11
12    Time(int hh,int mm,int ss){
13        this.ss = ss;
14        this.mm = mm;
15        this.hh = hh;
16        this.mm += this.ss/60;
17        this.hh += this.mm/60;
18        this.ss %= 60;
19        this.mm %= 60;
20    }
21
22    public String toString() {
23        return hh+"hrs "+mm+"mts "+ss+"sec ";
24    }
25
26    public int getMinutes() {
27        return mm;
28    }
29    public int getSeconds() {
30        return ss;
31    }
32    public int getHours() {
33        return hh;
34    }
35    public void setMinutes(int minutes) {
36        hh += minutes/60;
37        mm += minutes%60;
38    }

```

Problems
Javadoc
Declaration
Console

```

<terminated> TimeTest [Java Application] C:\Program Files\Java\jdk1.8.0_
Enter the following details for obj1
Enter the hours:
8
Enter the minutes:
41
Enter the seconds:
59
*****Object1*****
8hrs 41mts 59sec
Enter the elapsed time in seconds:
61
*****Object1*****
8hrs 43mts 0sec
Enter the following details for obj2
Enter the hours:
23
Enter the minutes:
55
Enter the seconds:
120
*****Object2*****
23hrs 57mts 0sec
Enter the elapsed time in seconds:
3600
*****Object2*****
24hrs 57mts 0sec

```

Q2

Invoice.java

InvoiceTest.java

Time.java

TimeTest.java

```
39 public void setSeconds(int seconds) {
40     mm += seconds/60;
41     ss += seconds%60;
42 }
43 public void setHours(int hours) {
44     hh+=hours;
45 }
46
47 public void timeElapsed(int seconds) {
48     ss += seconds;
49     mm += ss/60;
50     hh += mm/60;
51     ss %= 60;
52     mm %= 60;
53 //     hh += seconds/3600;
54 //     mm += seconds/60;
55 //     ss += seconds%60;
56 }
57
58 public void getDetails() {
59     Scanner sc = new Scanner(System.in);
60     System.out.println("Enter the hours:");
61     this.setHours(sc.nextInt());
62     System.out.println("Enter the minutes:");
63     this.setMinutes(sc.nextInt());
64     System.out.println("Enter the seconds:");
65     this.setSeconds(sc.nextInt());
66 }
67 public void displayDetails(String header) {
68     System.out.println(header);
69     System.out.println(this.toString());
70 }
71 public static void main(String[] args) {
72     // TODO Auto-generated method stub
73
74 }
75
76 }
```

Problems

@ Javadoc

Declaration

Console

<terminated> TimeTest [Java Application] C:\Program Fil

Enter the following details for obj1

Enter the hours:

8

Enter the minutes:

41

Enter the seconds:

59

*****Object1*****

8hrs 41mts 59sec

Enter the elapsed time in seconds:

61

*****Object1*****

8hrs 43mts 0sec

Enter the following details for obj2

Enter the hours:

23

Enter the minutes:

55

Enter the seconds:

120

*****Object2*****

23hrs 57mts 0sec

Enter the elapsed time in seconds:

3600

*****Object2*****

24hrs 57mts 0sec

Q2

Invoice.javaInvoiceTest.javaTime.javaTimeTest.java

```
1 package lab4;
2 import java.util.*;
3 public class TimeTest {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         Scanner sc = new Scanner(System.in);
8         Time obj1 = new Time();
9         System.out.println("Enter the following details for obj1");
10        obj1.getDetails();
11        obj1.displayDetails("*****Object1*****");
12        System.out.println("Enter the elapsed time in seconds:");
13        obj1.timeElapsed(sc.nextInt());
14        obj1.displayDetails("*****Object1*****");
15
16
17
18        int hours,minutes,seconds;
19        System.out.println("Enter the following details for obj2");
20        System.out.println("Enter the hours:");
21        hours = sc.nextInt();
22        System.out.println("Enter the minutes:");
23        minutes = sc.nextInt();
24        System.out.println("Enter the seconds:");
25        seconds = sc.nextInt();
26
27
28        Time obj2 = new Time(hours,minutes,seconds);
29        obj2.displayDetails("*****Object2*****");
30        System.out.println("Enter the elapsed time in seconds:");
31        obj2.timeElapsed(sc.nextInt());
32        obj2.displayDetails("*****Object2*****");
33    }
34
35 }
36
```

ProblemsJavadocDeclarationConsole

```
<terminated> TimeTest [Java Application] C:\Program Files
Enter the following details for obj1
Enter the hours:
8
Enter the minutes:
41
Enter the seconds:
59
*****Object1*****
8hrs 41mts 59sec
Enter the elapsed time in seconds:
61
*****Object1*****
8hrs 43mts 0sec
Enter the following details for obj2
Enter the hours:
23
Enter the minutes:
55
Enter the seconds:
120
*****Object2*****
23hrs 57mts 0sec
Enter the elapsed time in seconds:
3600
*****Object2*****
24hrs 57mts 0sec
```

Q3.

The screenshot displays an IDE with two main panels. The left panel shows a project explorer with a folder named 'Pac...' containing several files, including 'Q6.je', 'radiu', 'Rem', 'Selec', 'Shift', 'Ship', 'Stud', 'Twin', 'type', 'week', and 'week'. The right panel is split into two sections: the top section shows the source code for 'Invoice.java' and 'InvoiceTest.java', and the bottom section shows the console output.

Invoice.java Code:

```
23 }
24
25
26 public static void modifyDiscountRate(double newVal) {
27     discountRate = newVal;
28 }
29 public static double calculateDiscount(double invoiceAmount) {
30     return discountRate*invoiceAmount;
31 }
32 public double displayTotal() {
33     return getInvoiceAmount() - calculateDiscount(getInvoiceAmount());
34 }
35 public double getInvoiceAmount() {
36     return quantity*price;
37 }
38
39
40 public String getDesc() {
41     return description;
42 }
43 public String getPartNo() {
44     return partNo;
45 }
```

InvoiceTest.java Code:

```
44 this.quantity = quantity;
45 }
```

Console Output:

```
<terminated> InvoiceTest [Java Application] C:\Program Files\Java\jdk1.8.0_144\bin\javaw.exe
For any object, the default values for quantity is 0 and price 0.0
Enter the following details for obj1
Enter the partNo:
S123
Enter the description:
Longlasting
Enter the Quantity:
4
Enter the price:
100
*****OBJECT-1*****
PartNo: S123
Description: Longlasting
Quantity: 4
Price: 100.0
InvoiceAmount: 400.0
Enter the discount rate
0.50
The payable amount of obj1 including discount is 200.0
```


Q3.

```
*Invoice.java InvoiceTest.java
1 package lab4;
2 import java.util.*;
3 public class InvoiceTest {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         Scanner sc = new Scanner(System.in);
8         Invoice obj1 = new Invoice();
9         System.out.println("For any object, the default values"
10             + " for quantity is "+obj1.getQuantity()+" and price "
11             +obj1.getPrice());
12         System.out.println("Enter the following details for obj1");
13         obj1.getDetails();
14         obj1.displayDetails("*****OBJECT-1*****");
15
16         System.out.println("Enter the discount rate");
17         Invoice.discountRate = sc.nextDouble();
18
19         System.out.println("The payable amount of obj1 "
20             + "including discount is "+obj1.displayTotal());
21
22
Problems @ Javadoc Declaration Console
<terminated> InvoiceTest [Java Application] C:\Program Files\Java\jdk1.8.0_144\bin\javaw.exe
For any object, the default values for quantity is 0 and price 0.0
Enter the following details for obj1
Enter the partNo:
S123
Enter the description:
Longlasting
Enter the Quantity:
4
Enter the price:
100
*****OBJECT-1*****
PartNo: S123
Description: Longlasting
Quantity: 4
Price: 100.0
InvoiceAmount: 400.0
Enter the discount rate
0.50
The payable amount of obj1 including discount is 200.0
```

Q4.

```
this.ss %= 60;
this.mm %= 60;
```

```
}
```

```
public String equals(Time T2) {
    if(this.hh > T2.hh)return "Greater";
    else if(this.hh < T2.hh)return "Smaller";
    else if(this.mm > T2.mm)return "Greater";
    else if(this.mm < T2.mm)return "Smaller";
    else if(this.ss > T2.ss)return "Greater";
    else if(this.ss < T2.ss)return "Smaller";
    else return "Equal";
}
```

```
Time addtime(Time T1, Time T2) {
    Time T3 = new Time(T1.hh+T2.hh,T1.mm+T2.mm,T1.ss+T2.ss);
    return T3;
}
```

```
public String display(int i) {
    String timeRep="";
    if(i == 1)timeRep += (hh)+":"+mm+": "+ss;
    else if(this.hh>=12) {
        timeRep += (hh-12)+":"+mm+": "+ss+"P.M. ";
    }
    else
        timeRep += (hh)+":"+mm+": "+ss+"A.M. ";
    return timeRep;
}
```

```
public String toString() {
    return hh+"hrs "+mm+"mts "+ss+"sec ";
}
```

<terminated> TimeTest [Java Application] C:\Program Files\Java\jdk1.8.0_144\

Enter the following details for obj1

Enter the hours:

13

Enter the minutes:

45

Enter the seconds:

23

*****Object1*****

13hrs 45mts 23sec

*****Object1*****

13hrs 45mts 23sec

Enter the following details for obj2

Enter the hours:

5

Enter the minutes:

6

Enter the seconds:

7

*****Object2*****

5hrs 6mts 7sec

*****Object2*****

5hrs 6mts 7sec

Is object1's time >, < or equal to object2's time? Greater

Displaying Object1's time 13hrs 45mts 23sec

Displaying Object1's time in 12hr format 1:45:23P.M.

Displaying Object1's time in 24hr format 13:45:23

Adding time of object1 and object2, we get object 3

*****Object3*****

18hrs 51mts 30sec

Q4.

The screenshot shows an IDE with two tabs: `InvoiceTest.java` and `*TimeTest.java`. The `*TimeTest.java` tab is active, displaying the following Java code:

```

public class TimeTest {
    // TODO Auto-generated method stub
    Scanner sc = new Scanner(System.in);
    Time obj1 = new Time();
    System.out.println("Enter the following details for obj1");
    obj1.getDetails();
    obj1.displayDetails("*****Object1*****");
    /*
    System.out.println("Enter the elapsed time in seconds:");
    obj1.timeElapsed(sc.nextInt());
    */
    obj1.displayDetails("*****Object1*****");

    int hours, minutes, seconds;
    System.out.println("Enter the following details for obj2");
    System.out.println("Enter the hours:");
    hours = sc.nextInt();
    System.out.println("Enter the minutes:");
    minutes = sc.nextInt();
    System.out.println("Enter the seconds:");
    seconds = sc.nextInt();

    Time obj2 = new Time(hours, minutes, seconds);
    obj2.displayDetails("*****Object2*****");
    /*
    System.out.println("Enter the elapsed time in seconds:");
    obj2.timeElapsed(sc.nextInt());
    */
    obj2.displayDetails("*****Object2*****");

    System.out.println("Is object1's time >,"
        + "< or equal to object2's time? " + obj1.equals(obj2));
    System.out.println("Displaying Object1's time " + obj1.toString());
    System.out.println("Displaying Object1's "
        + "time in 12hr format " + obj1.display(0));
    System.out.println("Displaying Object1's "
        + "time in 24hr format " + obj1.display(1));

    Time obj3 = obj1.addtime(obj1, obj2);
    System.out.println("Adding time of object1 and object2, we get object 3");
    obj3.displayDetails("*****Object3*****");
}

```

The right-hand pane shows the console output for the application:

```

<terminated> TimeTest [Java Application] C:\Program Files\Java\jdk1.8.0_144\bin
Enter the following details for obj1
Enter the hours:
13
Enter the minutes:
45
Enter the seconds:
23
*****Object1*****
13hrs 45mts 23sec
*****Object1*****
13hrs 45mts 23sec
Enter the following details for obj2
Enter the hours:
5
Enter the minutes:
6
Enter the seconds:
7
*****Object2*****
5hrs 6mts 7sec
*****Object2*****
5hrs 6mts 7sec
Is object1's time >,< or equal to object2's time? Greater
Displaying Object1's time 13hrs 45mts 23sec
Displaying Object1's time in 12hr format 1:45:23P.M.
Displaying Object1's time in 24hr format 13:45:23
Adding time of object1 and object2, we get object 3
*****Object3*****
18hrs 51mts 30sec

```

Q5.

The screenshot displays the Eclipse IDE interface with the following components:

- Project Explorer (Left):** Shows a project named 'lab4' containing several files and folders, including 'Invoi', 'Invoi', 'Time', and 'Time'.
- Editor (Center):** Displays the source code for 'InvoiceTest2.java'. The code is as follows:

```
1 package lab4;
2 import java.util.*;
3
4 public class InvoiceTest2 {
5
6     public static void main(String[] args) {
7         // TODO Auto-generated method stub
8         Scanner sc = new Scanner(System.in);
9         System.out.println("Enter the no.of objects");
10        int n = sc.nextInt();
11        Invoice []obj = new Invoice[n];
12
13        String part,des;
14        double cost;
15        int quant;
16        for(int i=0;i<n;i++) {
17            System.out.println("Enter the following details ");
18            System.out.println("Enter the partNo:");
19            part = sc.next();
20            System.out.println("Enter the description:");
21            des = sc.next();
22            System.out.println("Enter the price:");
23            cost = sc.nextDouble();
24            System.out.println("Enter the quantity:");
25            quant = sc.nextInt();
26            obj[i] = new Invoice(part,des,cost,quant);
27            System.out.println("Enter the time in millisecond to register purchase date after 1st jan 1970!");
28            obj[i].d.setTime(sc.nextInt());
29            //obj[i].displayDetails("hi");
30            //System.out.println(obj[i].d);
31        }
32
33        Invoice.displayTotal(obj);
34    }
35
36 }
37
38 }
39 }
```
- Console (Right):** Shows the output of the program execution. The output is as follows:

```
<terminated> InvoiceTest2 [Java Application] C:\Program Files\Java\jdk1.8.0_144\bin
Enter the no.of objects
2
Enter the following details
Enter the partNo:
S123
Enter the description:
Reliable
Enter the price:
124
Enter the quantity:
12
Enter the time in millisecond to register purchase date after
9999999
Enter the following details
Enter the partNo:
S124
Enter the description:
Meticulous
Enter the price:
25
Enter the quantity:
10
Enter the time in millisecond to register purchase date after
888888
1 1488.0 Thu Jan 01 08:16:39 IST 1970
2 250.0 Thu Jan 01 05:44:48 IST 1970
```
- Bottom Bar:** Shows the status bar with 'Writable', 'Smart Insert', and the time '16:5:35'.

eclipse-workspace - M/src/lab4/Invoice.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Pac... *Invoice.java *InvoiceTest2.java InvoiceTest.java

```
1 package lab4;
2 import java.util.*;
3 public class Invoice {
4     private String partNo;
5     private String description;
6     private int quantity;
7     private double price;
8     static double discountRate;
9
10    Date d;
11
12    public static void displayTotal(Invoice[] arr) {
13        int c=0;
14        for(Invoice x:arr) {
15            System.out.println(++c + " "+x.getInvoiceAmount()+" "+
16                x.d);
17        }
18    }
19    Invoice(){
20        quantity = 0;
21        price = 0.0;
22        d = new Date();
23    }
24    Invoice(String partNo, String desc, double price){
25        this.partNo = partNo;
26        description = desc;
27        this.price = price;
28        d = new Date();
29    }
30    Invoice(String partNo, String desc, double price, int quantity){
31        this.partNo = partNo;
32        description = desc;
33        this.price = price;
34        this.quantity = quantity;
35        d = new Date();
36    }
37
38
39    public static void modifyDiscountRate(double newVal) {
```

<terminated> InvoiceTest2 [Java Application] C:\Program Files\Java\jdk1.8.0_144\bin

Enter the no.of objects
2
Enter the following details
Enter the partNo:
S123
Enter the description:
Reliable
Enter the price:
124
Enter the quantity:
12
Enter the time in millisecond to register purchase date after
9999999
Enter the following details
Enter the partNo:
S124
Enter the description:
Meticulous
Enter the price:
25
Enter the quantity:
10
Enter the time in millisecond to register purchase date after
888888
1 1488.0 Thu Jan 01 08:16:39 IST 1970
2 250.0 Thu Jan 01 05:44:48 IST 1970

partN
descri
quant
price:
d: Da
disco
displa
Invoi
Invoi
Invoi

Writable Smart Insert 18:6:371

12:28 PM 9/11/2020