

Lab3-Assignment

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- 1) classname : Bill, data member : billno - int, description - string , sales_amount, discount, amt_afterdiscount – double.

method:

readbill(): from the user read billno,description, sales_amount

calculatebill(): if sales_amount>50000, discount=10%, else discount=2%, then

calculate amt_afterdiscount

showbill(): display all the datamember.

create 2 objects to implement for 2 bills

```
package com.wrapperclass.examples;
import java.util.Scanner;

public class Bill {
    private int billno;
    private String description;
    private double
sales_amount, discount, amt_afterdiscount;
    public void readbill()
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("enter bill number");
        billno=sc.nextInt();
        System.out.println("enter description");
        description=sc.next();
        System.out.println("enter sale amount");
        sales_amount=sc.nextDouble();

    }
    public void calculatebill()
```

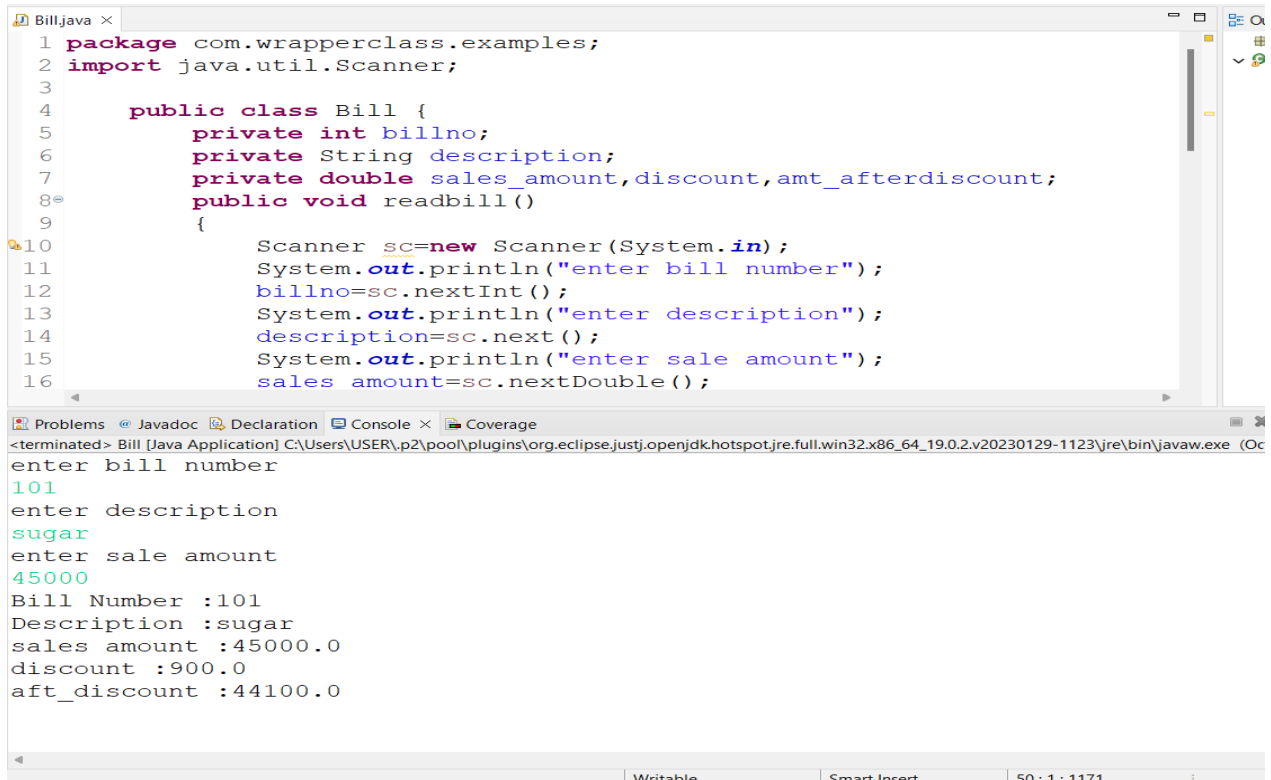
```

    {
        if(sales_amount>50000)
        {
            discount=0.10*sales_amount;
        }
        else
        {
            discount=0.02*sales_amount;
        }
        amt_afterdiscount=sales_amount-discount;
    }
    public void showBill()
    {
        System.out.println("Bill Number
:"+billno);
        System.out.println("Description
:"+description);
        System.out.println("sales amount
:"+sales_amount);
        System.out.println("discount :"+discount);
        System.out.println("aft_discount
:"+amt_afterdiscount);
    }
    public static void main(String[] args)
    {
        Bill bill=new Bill();
        bill.readbill();
        bill.calculatebill();
        bill.showBill();
    }
}

```

Output:

1 Object is sugar



```
1 package com.wrapperclass.examples;
2 import java.util.Scanner;
3
4 public class Bill {
5     private int billno;
6     private String description;
7     private double sales_amount, discount, amt_afterdiscount;
8     public void readbill()
9     {
10         Scanner sc=new Scanner(System.in);
11         System.out.println("enter bill number");
12         billno=sc.nextInt();
13         System.out.println("enter description");
14         description=sc.next();
15         System.out.println("enter sale amount");
16         sales_amount=sc.nextDouble();
17     }
18 }
```

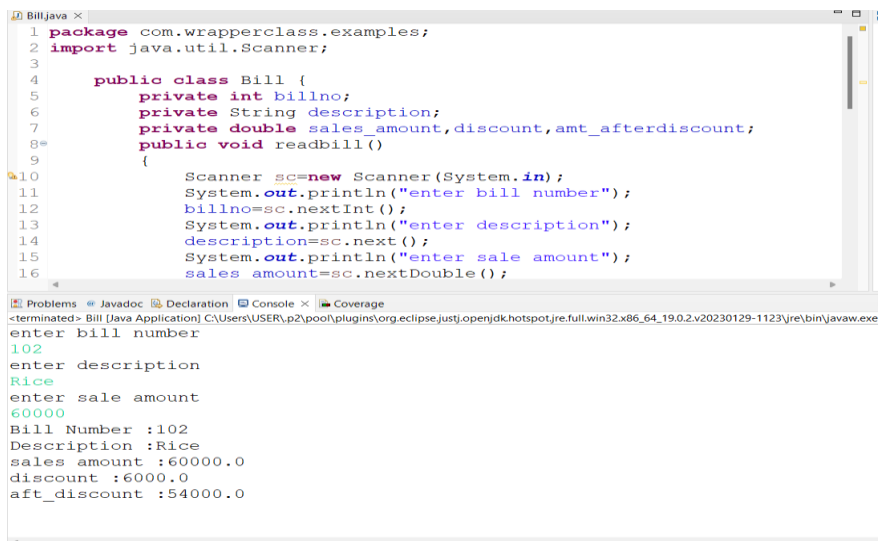
Problems Javadoc Declaration Console Coverage

<terminated> Bill [Java Application] C:\Users\USER\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_19.0.2.v20230129-1123\jre\bin\javaw.exe (Oc

enter bill number
101
enter description
sugar
enter sale amount
45000
Bill Number :101
Description :sugar
sales amount :45000.0
discount :900.0
aft_discount :44100.0

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2nd Object is Rice



```
1 package com.wrapperclass.examples;
2 import java.util.Scanner;
3
4 public class Bill {
5     private int billno;
6     private String description;
7     private double sales_amount, discount, amt_afterdiscount;
8     public void readbill()
9     {
10         Scanner sc=new Scanner(System.in);
11         System.out.println("enter bill number");
12         billno=sc.nextInt();
13         System.out.println("enter description");
14         description=sc.next();
15         System.out.println("enter sale amount");
16         sales_amount=sc.nextDouble();
17     }
18 }
```

Problems Javadoc Declaration Console Coverage

<terminated> Bill [Java Application] C:\Users\USER\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_19.0.2.v20230129-1123\jre\bin\javaw.exe

enter bill number
102
enter description
Rice
enter sale amount
60000
Bill Number :102
Description :Rice
sales amount :60000.0
discount :6000.0
aft_discount :54000.0