

LAB_ANP_C6339_CLASSES_ StudenID:AF0339439

Assignment 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

Program:

```
package javaprograms;
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;
    }
}
```

```

    }

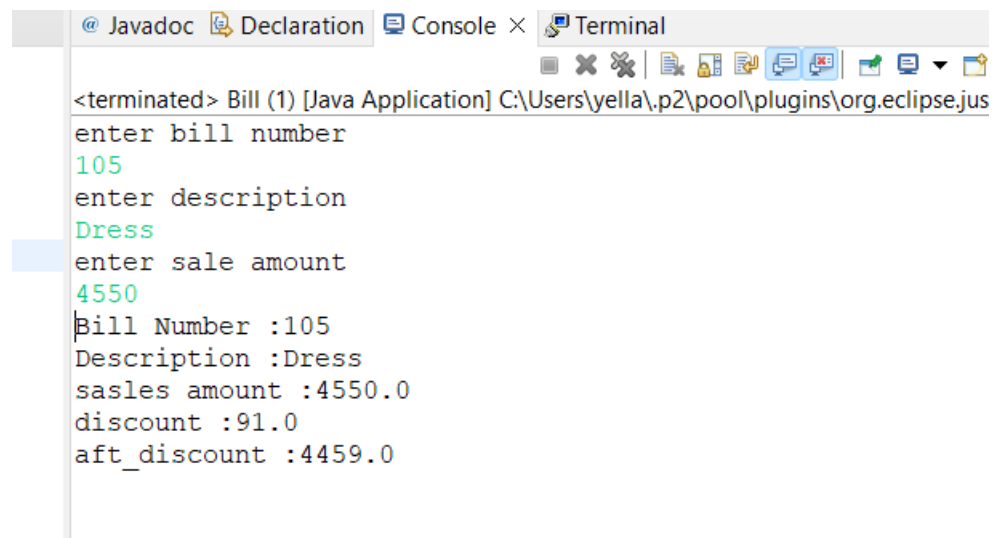
    public void showBill()
    {
        System.out.println("Bill Number :"+billno);
        System.out.println("Description :"+description);
        System.out.println("sasles amount :"+sales_amount);
        System.out.println("discount :"+discount);
        System.out.println("aft_discount :"+amt_afterdiscount);

    }

    public static void main(String[] args)
    {
        Bill bill = new Bill();
        bill.readbill();
        bill.calculatebill();
        bill.showBill();
    }
}

```

Output:



```

@ Javadoc Declaration Console x Terminal
<terminated> Bill (1) [Java Application] C:\Users\yella\.p2\pool\plugins\org.eclipse.jus
enter bill number
105
enter description
Dress
enter sale amount
4550
Bill Number :105
Description :Dress
sasles amount :4550.0
discount :91.0
aft_discount :4459.0

```