Computer Applications PROJECT ICSE 2018-19

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Std: 10
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Introduction:

This is to meet the Internal Assessment requirements of ICSE 2018 Computer Applications paper.
Apart from this, it is a great learning experience as well.
This project is a Java application, which generates menus for the user to choose from which in turn generates products and their prices and displays results according to the options picked by the user.
I chose this topic because it gives me a good idea of the pattern and the standard of programming questions in the board exam.
Some aspects covered in this project are:
1. Menu driven programming.
2. Looping
3. Sorting
4. Concluding programs with a glossary.
5. Defining and calling functions.

Apart from just theoretical scripting of a program, this project actually coerces us to edit, compile, debug and run our application. Many syntactical and practical program issues are implicitly understood while accomplishing the assignment.

Problem Listing:

Create a Java application for a RETAIL OUTLET which generates a menu for the user to choose from the following options:

Choice 1: Women's clothing
Choice 2: Men's Clothing
Choice 3: Kids clothing
Choice 4: Accessories
Choice 5: Shoes
Choice 6: Exit
 Also create:
- Subcategories,
- Product lists,
- Price lists,
- A cart for addition of products,
- Sorting of products from low to high and high to low
- Products with a certain amount of discount
- also add GST% on the entire bill
And any other elements that may seem necessary.

Program listing:

```
--------------------------------------------------------------------------------------------------------------
import java.util.*;
public class RetailOutlet
{
    double cost=0;
    double s=100.0;
    int n=100;
    int z,k;
    double disc=0;
    double gst=0;
    String name[]=new String[n];
    double price[]=new double[n];
    int num;
    public void main()
    {
        Scanner sc=new Scanner(System.in);
        double billamt=0;
        String st;
        while(true)
        {
         System.out.println("WELCOME TO TWIQ");
        System.out.println("INDIAS FASTEST GROWING ONLINE STORE!!!!");
        System.out.print("WE OVER AT TWIQ STRIVE TO GIVE YOU QUALITY PRODUCTS ");
        System.out.println("AT THE BEST POSSIBLE OFFERS");
        System.out.print("10% OF THE PROFITS MADE PER ORDER GO TO The National ");
        System.out.println("Forest Conservation Federation");
        System.out.print("--------------------------------------------");
        System.out.println("--------------------------------------------"); //works properly
        RetailOutlet obj=new RetailOutlet();
        do
        {
            System.out.println("SHOP BY CATEGORY:");//MENU DISPLAY works
            System.out.println("1. WOMENS FASHION");
            System.out.println("2. MENS FASHION");
            System.out.println("3. KIDS FASHION");
            System.out.println("4. ACESSORIES");
            System.out.println("5. SHOES");
            System.out.println("6. EXIT");
            System.out.println("Please pick a number according to the above given menu");
            System.out.print("Enter your choice:");
            int c=sc.nextInt();
            System.out.println("--------------------------------------------");
            switch(c)
            {
                case 1:
                obj.Women();
                break;
                case 2:
                obj.Men();
                break;
```

```java
            case 3:
            obj.Kids();
            break;
            case 4:
            obj.Acessories();
            break;
            case 5:
            obj.Shoes();
            break;
            case 6:
            obj.exit();
            default:
            System.out.println("There seems to be a slight error. Please recheck your input.");
            }
            System.out.println("Please press 1 to go to cart");
            System.out.println(" Please type 2 to continue");
            st =sc.next();
        }
        while(!(st.equalsIgnoreCase("1")));
        System.out.println("Your bill:");
        System.out.println("SI. no.\t\t\t Item name\t\t\t Cost of item");
        for(int i=0;i<obj.z;i++)
        {
            System.out.println(i+1+"\t"+"\t"+"\t" +obj.name[i]+"\t"+"\t"+"\t"+" Rs." +obj.price[i]);
        }
        billamt=obj.cost+billamt;
        System.out.println("--------------------------------------------------");
        System.out.println("Total cost to be paid before GST:" +billamt);
        System.out.println("--------------------------------------------------");
        gst=billamt+(0.18*billamt);
        System.out.println("Total after GST:" +gst);
        System.out.println("--------------------------------------------------");
        System.out.println("Hope you enjoyed shopping!");
        System.out.println("Please do come back soon!");
        System.out.println("If you would like to exit,please Press 1");
        String str=sc.next();
        if(str.equalsIgnoreCase("1"))
        obj.exit();
        break;

    }
}//end of main function
    private void Women()
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("Welcome to the womens clothing section!!!");
        System.out.println("PICK A CLOTHING STYLE OF YOUR CHOICE");//MENU DISPLAY works
        System.out.println("1. Ethnic wear");
        System.out.println("2. Casual wear");
        System.out.println("3. Formal wear");
        System.out.println("4. Western wear");
        System.out.println("5. Party wear");
        System.out.println("20% off on casual wear and 25% off on party wear");
        System.out.println("Please pick a number according to the above given menu");
        System.out.print("Enter your choice:");
```

```
int chwo=sc.nextInt();
System.out.println("------------------------------------------");
switch(chwo)
{
  case 1:
  System.out.println("WELCOME TO THE ETHNIC WEAR SECTION!");
 System.out.println("YOU CAN NOW SORT PRODUCTS ACCORDING TO PRICE");
  System.out.println("Press 1 to sort from LOW to HIGH");
  System.out.println("Press 2 to sort from HIGH to LOW");
  System.out.println("Press 3 to leave as it is!");
  System.out.println("1.Blue and Silver Saree Rs.900");
    System.out.println("2.Pattiyalli Rs.500");
    System.out.println("3.Churridhar Rs.400");
    System.out.println("4.Salwar kameez Rs.650");
    System.out.println("5.Kurti Rs.600");
    System.out.println("6.Ghagra Rs.800");
k=sc.nextInt();
if(k==1)
{
 int a[]={900,500,400,650,600,800};
String b[]={"Saree","Pattiyalli","Chuddhidhar","Salwar kameez","Kurti","Ghagra"};
int l=a.length;
        int i,j;
        for(i=0;i<l;i++)
        {
           for(j=i+1;j<l;j++)
           {
              if(a[i]>a[j])
              {
                   int t=a[i];
                   a[i]=a[j];
                   a[j]=t;
              }
           }
        }

        System.out.println("After sorting");
        for(i=0;i<l;i++)
        {
           System.out.println(i+1+"."+b[i]+": "+a[i]);
        }
        int num=sc.nextInt();
    if(num==1)
    {
      name[z]="Chuddhidhar";
      price[z]=400;
      z++;
      System.out.println("The cost of your choice is Rs. 400");
      cost=cost+400;
    }
    else if(num==2)
    {
      name[z]="Pattiyalli";
```

```java
        price[z]=500;
       z++;
       System.out.println("The cost of your choice is Rs. 500");
       cost=cost+500;
      }
     else if(num==3)
      {
      name[z]="Kurti";
      price[z]=600;
      z++;
      System.out.println("The cost of your choice is Rs. 600");
      cost=cost+600;
     }
    else if(num==4)
      {
        name[z]="Salwar kameez";
      price[z]=650;
      z++;
      System.out.println("The cost of your choice is Rs. 650");
      cost=cost+650;
     }
     else if(num==5)
      {
      name[z]="Ghagra";
      price[z]=800;
      z++;
      System.out.println("The cost of your choice is Rs. 800");
      cost=cost+800;

     }
     else if(num==6)
      {
      name[z]="Saree";
      price[z]=900;
      z++;
      System.out.println("The cost of your choice is Rs. 900");
      cost=cost+900;
     }
     else
     {
        System.out.println("Please recheck your input");
     }
     break;
    }


    else if(k==2)
      {
      int a[]={900,500,400,650,600,800};
      String b[]={"Saree","Pattiyalli","Chuddhidhar","Salwar kameez","Kurti","Ghagra"};
      int l=a.length;
      int i,j;
      for(i=0;i<l;i++)
      {
         for(j=i+1;j<l;j++)
```

```java
            {
               if(a[i]<a[j])
               {
                    int t=a[i];
                    a[i]=a[j];
                    a[j]=t;
               }
            }
         }

         System.out.println("After sorting");
         for(i=0;i<l;i++)
         {
            System.out.println(i+1+"."+b[i]+": "+a[i]);
         }
         int num=sc.nextInt();

   if(num==1)
   {
      name[z]="Saree";
      price[z]=900;
      z++;
      System.out.println("The cost of your choice is Rs. 900");
      cost=cost+900;
   }
      else if(num==2)
      {
      name[z]="Ghagra";
      price[z]=800;
      z++;
      System.out.println("The cost of your choice is Rs. 800");
      cost=cost+800;

      }
      else if(num==3)
      {
         name[z]="Salwar kameez";
      price[z]=650;
      z++;
      System.out.println("The cost of your choice is Rs. 650");
      cost=cost+650;
      }
   else if(num==4)
      {
    name[z]="Kurti";
      price[z]=600;
      z++;
      System.out.println("The cost of your choice is Rs. 600");
      cost=cost+600;
      }
      else if(num==5)
      {
      name[z]="Pattiyalli";
```

```java
        price[z]=500;
        z++;
        System.out.println("The cost of your choice is Rs. 500");
        cost=cost+500;
        }
        else if(num==6)
        {
            name[z]="Chuddhidhar";
        price[z]=400;
        z++;
        System.out.println("The cost of your choice is Rs. 400");
        cost=cost+400;
        }
        else
        {
            System.out.println("Please recheck your input");
        }
        break;
        }

    else
        {

    System.out.println("1.Blue and Silver Saree Rs.900");
    System.out.println("2.Pattiyalli Rs.500");
    System.out.println("3.Churridhar Rs.400");
    System.out.println("4.Salwar kameez Rs.650");
    System.out.println("5.Kurti Rs.600");
    System.out.println("6.Ghagra Rs.800");
    System.out.println("Please pick a number according to the above given menu");
System.out.print("Enter your choice:");
        int num=sc.nextInt();
                System.out.println("-------------------------------------------");
        if(num==1)
        {
          name[z]="Saree";
        price[z]=900;
        z++;
        System.out.println("The cost of your choice is Rs. 900");
        cost=cost+900;
        }
        else if(num==2)
        {
            name[z]="Pattiyalli";
        price[z]=500;
        z++;
        System.out.println("The cost of your choice is Rs. 500");
        cost=cost+500;
        }
        else if(num==3)
        {
            name[z]="Chuddhidhar";
        price[z]=400;
        z++;
        System.out.println("The cost of your choice is Rs. 400");
```

```java
        cost=cost+400;
      }
     else if(num==4)
      {
        name[z]="Salwar kameez";
      price[z]=650;
      z++;
      System.out.println("The cost of your choice is Rs. 650");
      cost=cost+650;
      }
     else if(num==5)
      {
        name[z]="Kurti";
      price[z]=600;
      z++;
      System.out.println("The cost of your choice is Rs. 600");
      cost=cost+600;
      }
     else if(num==6)
      {
        name[z]="Ghagra";
      price[z]=800;
      z++;
      System.out.println("The cost of your choice is Rs. 800");
      cost=cost+800;
      }
     else
      {
        System.out.println("Please recheck your input");
      }
    }
      break;
      case 2:
      System.out.println("This is the casual wear section");
      System.out.println("A large varieties of sizes to choose from!");
      System.out.println("PLEASE ENTER THE NOS. ACCORDING TO YOUR CHOICE");
      System.out.println("1. Casual Black pant Rs.599");
   System.out.println("2.White tshirt Rs.699");
   System.out.println("3.Casual skirt Rs.799");
   System.out.println("4.Sweater/jacket Rs.609");
   System.out.println("5. Blue Dress Rs.700");
   System.out.println("Please pick a number according to the above given menu");
 System.out.print("Enter your choice:");
      num=sc.nextInt();
      System.out.println("--------------------------------------------");
      if(num==1)
      {
      disc=599-(0.20*599);
      name[z]="Casual pants";
      price[z]=disc;
      z++;
      System.out.println("The cost of your choice is Rs. 599 but after discount it is "+disc);
      cost=cost+disc;
```

```java
            }
        else if(num==2)
        {
            disc=699-(0.20*699);
            name[z]="White tshirt";
            price[z]=disc;
            z++;
            System.out.println("The cost of your choice is Rs. 699 but after discount it is "+disc);
            cost=cost+disc;
        }
        else if(num==3)
        {
            disc=799-(0.20*799);
            name[z]="casual skirt";
            price[z]=disc;
            z++;
            System.out.println("The cost of your choice: is Rs. 799 but after discount it is "+disc);
            cost=cost+disc;
        }
        else if(num==4)
        {
            disc=609-(0.20*609);
            name[z]="Sweater/jacket";
            price[z]=disc;
            z++;
            System.out.println("The cost of your choice: is Rs. 609 but after discount it is "+disc);
            cost=cost+disc;
        }
        else if(num==5)
        {
            disc=700-(0.20*700);
            name[z]="Blue Dress";
            price[z]=disc;
            z++;
            System.out.println("The cost of your choice: is Rs. 700 but after discount it is "+disc);
            cost=cost+disc;
        }
        else
            System.out.println("Please recheck your input");
        break;
    case 3:
        System.out.println("This is the formal wear section");
        System.out.println("A large varieties of sizes to choose from!");
        System.out.println("PLEASE ENTER THE NOS. ACCORDING TO Enter your choice:");
        System.out.println("1.Formal pant Rs.599");
        System.out.println("2.Formal tshirt Rs.399");
        System.out.println("3.Formal skirt Rs.499");
        System.out.println("4.Brown Winter Coat Rs.1599");
        System.out.println("Please pick a number according to the above given menu");
System.out.print("Enter your choice:");
        num=sc.nextInt();
        System.out.println("-------------------------------------------");
        if(num==1)
        {
        name[z]="Formal pant";
```

```java
            price[z]=599;
            z++;
            System.out.println("the cost of your choice: is Rs.599");
            cost=cost+599;
        }
        else if(num==2)
        {
            name[z]="Formal tshirt";
            price[z]=399;
            z++;
            System.out.println("the cost of your choice: is Rs.399");
            cost=cost+399;
        }
        else if(num==3)
        {
            name[z]="Formal skirt";
            price[z]=499;
            z++;
            System.out.println("the cost of your choice: is Rs.499");
            cost=cost+499;
        }
        else if(num==4)
        {
            name[z]="Brown Winter Coat";
            price[z]=599;
            z++;
            System.out.println("the cost of your choice: is Rs.1599");
            cost=cost+599;
        }
        else
        System.out.println("Please recheck your input");
        break;
        case 4:
        System.out.println("This is the Western wear section");
            System.out.println("a large varieties of sizes to choose from!");
            System.out.println("PLEASE ENTER THE NOS. ACCORDING TO Enter your choice:");
        System.out.println("1.Jeans");
        System.out.println("2.Fancy tops");
        System.out.println("3.Plaid skirts");
        System.out.println("4. Full sleeve tees");
        System.out.println("Please pick a number according to the above given menu");
    System.out.print("Enter your choice:");
        num=sc.nextInt();
        System.out.println("-------------------------------------------");
        if(num==1)
        {
        name[z]="Jeans";
        price[z]=599;
        z++;
        System.out.println("the cost of Enter your choice: is Rs.599");
        cost=cost+599;
        }
        else if(num==2)
```

```java
        {
           name[z]="Fancy tops";
           price[z]=399;
           z++;
           System.out.println("the cost of your choice: is Rs.399");
           cost=cost+399;
        }
        else if(num==3)
        {
           name[z]="Plaid skirts";
           price[z]=499;
           z++;
           System.out.println("the cost of your choice: is Rs.499");
           cost=cost+499;
        }
        else if(num==4)
        {
           name[z]="Full sleeve tees";
           price[z]=599;
           z++;
           System.out.println("the cost of your choice: is Rs.599");
           cost=cost+599;
        }
        else
        System.out.println("please recheck your input");
        break;
        case 5:
        System.out.println("This is the Party wear section");
           System.out.println("a large varieties of sizes to choose from!");
           System.out.println("PLEASE ENTER THE NOS. ACCORDING TO Enter your choice:");
         System.out.println("1.Cocktail dress");
         System.out.println("2.Disco dress");
         System.out.println("3.Strapless dress");
         System.out.println("4. Full sleeve dress");
         System.out.println("Please pick a number according to the above given menu");
      System.out.print("Enter your choice:");
           num=sc.nextInt();
          System.out.println("-----------------------------------------");
          if(num==1)
          {
          disc=599-(0.25*599);
           name[z]="Cocktail dresses";
           price[z]=disc;
           z++;
           System.out.println("the cost of your choice: is Rs. 599 but after discount it is "+disc);
           cost=cost+disc;
        }
        else if(num==2)
        {
           disc=699-(0.25*699);
           name[z]="disco dresses";
           price[z]=disc;
           z++;
           System.out.println("the cost of your choice: is Rs. 699 but after discount it is "+disc);
           cost=cost+disc;
```

```
            }
            else if(num==3)
            {
               disc=799-(0.25*799);
               name[z]="Strapless dresses";
               price[z]=disc;
               z++;
               System.out.println("the cost of your choice: is Rs. 799 but after discount it is "+disc);
               cost=cost+disc;
            }
            else if(num==4)
            {
               disc=609-(0.25*609);
               name[z]="Full sleeve dresses";
               price[z]=disc;
               z++;
               System.out.println("the cost of your choice: is Rs. 609 but after discount it is "+disc);
               cost=cost+disc;
            }
            else
            System.out.println("please recheck your input");
            break;
            default:
            System.out.println("please recheck your input");
        }
    }
    private void Men()
    {
        Scanner sc=new Scanner(System.in);
    System.out.println("Welcome to the mens clothing section!!!");
  System.out.println("PICK A CLOTHING STYLE OF Enter your choice:!!!!!");//MENU DISPLAY
works
        System.out.println("1. Ethnic wear");
        System.out.println("2. Casual wear");
        System.out.println("3. Formal wear");
        System.out.println("4. Western wear");
        System.out.println("5. Party wear");
        System.out.println("20% off on casual wear and 25% off on party wear");
        System.out.println("Please pick a number according to the above given menu");
        System.out.print("Enter your choice:");
        int chwo=sc.nextInt();
        System.out.println("-------------------------------------------");
        switch(chwo)
        {
            case 1:
            System.out.println("This is the Ethnic section");
            System.out.println("New designs are just in!!!");
            System.out.println("Please enter the number according to Enter your choice:!");
            System.out.println("1.Kurtas");
               System.out.println("2.Traditional sherwanis");
               System.out.println("3.Jodhpuri suits");
               System.out.println("4.Kurta pyjama");
               System.out.println("Please pick a number according to the above given menu");
```

```java
System.out.print("Enter your choice:");
    int num=sc.nextInt();
    System.out.println("------------------------------------------");
    if(num==1)
    {
       name[z]="Kurtas";
      price[z]=900;
      z++;
      System.out.println("the cost of your choice: is Rs. 900");
      cost=cost+900;
    }
    else if(num==2)
     {
       name[z]="Traditional sherwanis";
      price[z]=500;
      z++;
      System.out.println("the cost of your choice: is Rs. 500");
      cost=cost+500;
    }
    else if(num==3)
    {
       name[z]="Jodhpuri suits";
      price[z]=400;
      z++;
      System.out.println("the cost of your choice: is Rs. 400");
      cost=cost+400;
    }
   else if(num==4)
     {
        name[z]="Kurta pyjama";
      price[z]=650;
      z++;
      System.out.println("the cost of your choice: is Rs. 650");
      cost=cost+650;
    }
    else
    System.out.println("please recheck your input");
    break;
    case 2:
    System.out.println("This is the casual wear section");
    System.out.println("a large varieties of sizes to choose from!");
    System.out.println("PLEASE ENTER THE NOS. ACCORDING TO Enter your choice:");
    System.out.println("1.Casual pants");
    System.out.println("2.casual tshirts");
    System.out.println("3.casual shirts");
    System.out.println("4.sweaters/jackets");
    System.out.println("5. Trousers");
    System.out.println("Please pick a number according to the above given menu");
System.out.print("Enter your choice:");
    num=sc.nextInt();
    System.out.println("-------------------------------------------");
     if(num==1)
     {
     disc=599-(0.20*599);
     name[z]="Casual pants";
```

```java
      price[z]=disc;
      z++;
      System.out.println("the cost of your choice: is Rs. 599 but after discount it is "+disc);
      cost=cost+disc;
}
else if(num==2)
{
   disc=699-(0.20*699);
   name[z]="casual tshirts";
   price[z]=disc;
   z++;
   System.out.println("the cost of your choice: is Rs. 699 but after discount it is "+disc);
   cost=cost+disc;
}
else if(num==3)
{
   disc=799-(0.20*799);
   name[z]="casual shirts";
   price[z]=disc;
   z++;
   System.out.println("the cost of your choice: is Rs. 799 but after discount it is "+disc);
   cost=cost+disc;
}
else if(num==4)
{
   disc=609-(0.20*609);
   name[z]="sweaters/jackets";
   price[z]=disc;
   z++;
   System.out.println("the cost of your choice: is Rs. 609 but after discount it is "+disc);
   cost=cost+disc;
}
else if(num==5)
{
   disc=700-(0.20*700);
   name[z]="Trousers";
   price[z]=disc;
   z++;
   System.out.println("the cost of your choice: is Rs. 700 but after discount it is "+disc);
   cost=cost+disc;
}
else
System.out.println("please recheck your input");
break;
case 3:
System.out.println("This is the formal wear section");
   System.out.println("a large varieties of sizes to choose from!");
   System.out.println("PLEASE ENTER THE NOS. ACCORDING TO Enter your choice:");
System.out.println("1.Formal pants");
System.out.println("2.Formal shirts");
System.out.println("3.Suits");
System.out.println("4. Tuxedoes");
System.out.println("Please pick a number according to the above given menu");
```

```java
System.out.print("Enter your choice:");
    num=sc.nextInt();
    System.out.println("------------------------------------------");
    if(num==1)
     {
     name[z]="Formal pants";
     price[z]=599;
     z++;
     System.out.println("the cost of your choice: is Rs.599");
     cost=cost+599;
    }
    else if(num==2)
    {
        name[z]="Formal shirts";
        price[z]=399;
        z++;
        System.out.println("the cost of your choice: is Rs.399");
        cost=cost+399;
    }
    else if(num==3)
    {
        name[z]="Suits";
        price[z]=499;
        z++;
        System.out.println("the cost of your choice: is Rs.499");
        cost=cost+499;
    }
    else if(num==4)
    {
        name[z]=" Tuxedoes";
        price[z]=599;
        z++;
        System.out.println("the cost of your choice: is Rs.599");
        cost=cost+599;
    }
    else
    System.out.println("Please recheck your input");
    break;
    case 4:
     System.out.println("This is the Western wear section");
        System.out.println("a large varieties of sizes to choose from!");
        System.out.println("PLEASE ENTER THE NOS. ACCORDING TO Enter your choice:");
     System.out.println("1.Jeans");
     System.out.println("2.Blue Shirt");
     System.out.println("3.Red Tie");
     System.out.println("4.Black Pant");
     System.out.println("Please pick a number according to the above given menu");
System.out.print("Enter your choice:");
    num=sc.nextInt();
    System.out.println("------------------------------------------");
    if(num==1)
     {
     name[z]="Jeans";
     price[z]=599;
     z++;
```

```java
        System.out.println("the cost of your choice: is Rs.599");
        cost=cost+599;
      }
      else if(num==2)
      {
        name[z]="shirts";
        price[z]=399;
        z++;
        System.out.println("the cost of your choice: is Rs.399");
        cost=cost+399;
      }
      else if(num==3)
      {
        name[z]="ties";
        price[z]=499;
        z++;
        System.out.println("the cost of your choice: is Rs.499");
        cost=cost+499;
      }
      else if(num==4)
      {
        name[z]="pants";
        price[z]=599;
        z++;
        System.out.println("the cost of your choice: is Rs.599");
        cost=cost+599;
      }
      else
      System.out.println("please recheck your input");
      break;
      case 5:
      System.out.println("This is the Party wear section");
        System.out.println("a large varieties of sizes to choose from!");
        System.out.println("PLEASE ENTER THE NOS. ACCORDING TO Enter your choice:");
       System.out.println("1.party wear shirts");
       System.out.println("2. funky party wear");
       System.out.println("Please pick a number according to the above given menu");
    System.out.print("Enter your choice:");
        num=sc.nextInt();
        System.out.println("-------------------------------------------");
        if(num==1)
        {
        disc=599-(0.25*599);
         name[z]="party wear shirts";
         price[z]=disc;
         z++;
         System.out.println("the cost of your choice: is Rs. 599 but after discount it is "+disc);
         cost=cost+disc;
      }
      else if(num==2)
      {
        disc=699-(0.25*699);
        name[z]="funky party wear";
```

```java
            price[z]=disc;
            z++;
            System.out.println("the cost of your choice: is Rs. 699 but after discount it is "+disc);
            cost=cost+disc;
        }
        else
        System.out.println("please recheck your input");
        break;
        default:
        System.out.println("Please recheck your input");
    }
}
private void Kids()
{
    Scanner sc=new Scanner(System.in);
System.out.println("welcome to the kids clothing section!!!");
System.out.println("please enter a no. according to Enter your choice:");
System.out.println("1. 0-12 months");
System.out.println("2. 1-6 years");
System.out.println("3. 7-12 years");
System.out.println("4. 8-15 years");
System.out.println("Please pick a number according to the above given menu");
  System.out.print("Enter your choice:");
int chwo=sc.nextInt();
System.out.println("-------------------------------------------");
switch(chwo)
{
    case 1:
     System.out.println("welcome to the infants section!");
     System.out.println("new designs are just in!!!");
     System.out.println("Please enter the gender of your baby i.e. 1 for female and 2 for male!");
     String sex=sc.next();
     if(sex.equalsIgnoreCase("1"))
     {
        System.out.println("kindly look around and choose the correct size for your darling");
        System.out.println("1.Skirt");
         System.out.println("2.Plain frock");
         System.out.println("3.Frilled frock");
         System.out.println("4. T-shirt");
          System.out.println("Please pick a number according to the above given menu");
  System.out.print("Enter your choice:");
        int num=sc.nextInt();
        System.out.println("-------------------------------------------");
        if(num==1)
        {
            name[z]="skirts";
            price[z]=299;
            z++;
            System.out.println("the cost of your choice: is 299");
            cost=cost+299;
        }
        else if(num==2)
    {
        name[z]="Plain frocks";
         price[z]=399;
```

```java
            z++;
            System.out.println("the cost of your choice: is Rs.399");
            cost=cost+399;
        }
        else if(num==3)
        {
            name[z]="frilled frocks";
            price[z]=499;
            z++;
            System.out.println("the cost of your choice: is Rs.499");
            cost=cost+499;
        }
        else if(num==4)
        {
            name[z]="t-shirts";
            price[z]=599;
            z++;
            System.out.println("the cost of your choice: is Rs.599");
            cost=cost+599;
        }
        else
        System.out.println("please recheck your input");
        break;
    }
        else if(sex.equalsIgnoreCase("2"));
        {
            System.out.println("kindly look around and choose the correct size for your darling");
         System.out.println("1.pants");
          System.out.println("2.plain shirts");
          System.out.println("3.fancy shirts");
          System.out.println("4. shorts and tshirts");
          System.out.println("Please pick a number according to the above given menu");
    System.out.print("Enter your choice:");
        num=sc.nextInt();
        System.out.println("--------------------------------------------");
        if(num==1)
        {
            name[z]="pants";
            price[z]=299;
            z++;
            System.out.println("the cost of your choice: is 299");
            cost=cost+299;
        }
        else if(num==2)
        {
            name[z]="plain shirts";
            price[z]=399;
            z++;
            System.out.println("the cost of your choice: is Rs.399");
            cost=cost+399;
        }
        else if(num==3)
        {
```

```java
            name[z]="fancy shirts";
             price[z]=499;
             z++;
             System.out.println("the cost of your choice: is Rs.499");
             cost=cost+499;
        }
        else if(num==4)
        {
            name[z]="shorts and tshirts";
            price[z]=599;
            z++;
            System.out.println("the cost of your choice: is Rs.599");
            cost=cost+599;
        }
        else
        System.out.println("please recheck your input");
        break;
    }
        case 2:
        System.out.println("welcome to the 1-6 years old kids section!");
    System.out.println("new designs are just in!!!");
    System.out.println("Please enter the gender of your baby i.e. female or male!");
    sex=sc.next();
    if(sex.equalsIgnoreCase("female"))
    {
        System.out.println("kindly look around and choose the correct size for your tiny tot");
        System.out.println("1.skirts");
         System.out.println("2.frocks");
         System.out.println("3.ghagras");
         System.out.println("4. dangrees");
         System.out.println("Please pick a number according to the above given menu");
System.out.print("Enter your choice:");
        int num=sc.nextInt();
        System.out.println("-------------------------------------------");
        if(num==1)
        {
            name[z]="skirts";
            price[z]=299;
            z++;
            System.out.println("the cost of your choice: is 299");
            cost=cost+299;
        }
        else if(num==2)
    {
        name[z]="frocks";
         price[z]=399;
         z++;
         System.out.println("the cost of your choice: is Rs.399");
         cost=cost+399;
    }
    else if(num==3)
    {
        name[z]="ghagras";
         price[z]=499;
         z++;
```

```java
        System.out.println("the cost of your choice: is Rs.499");
        cost=cost+499;
      }
    else if(num==4)
    {
      name[z]="dangrees";
      price[z]=599;
      z++;
      System.out.println("the cost of Enter your choice: is Rs.599");
      cost=cost+599;
    }
    else
    System.out.println("please recheck your input");
    break;
  }
    else if(sex.equalsIgnoreCase("male"));
    System.out.println("kindly look around and choose the correct size for your darling");
     System.out.println("1.pants");
     System.out.println("2.shirts");
     System.out.println("3.trousers");
     System.out.println("4. small sherwanis");
     System.out.println("Please pick a number according to the above given menu");
  System.out.print("Enter your choice:");
      int num=sc.nextInt();
      System.out.println("--------------------------------------------");
      if(num==1)
      {
        name[z]="pants";
        price[z]=299;
        z++;
        System.out.println("the cost of your choice: is 299");
        cost=cost+299;
      }
      else if(num==2)
    {
      name[z]="shirts";
      price[z]=399;
      z++;
      System.out.println("the cost of your choice: is Rs.399");
      cost=cost+399;
    }
    else if(num==3)
    {
      name[z]="trousers";
      price[z]=499;
      z++;
      System.out.println("the cost of your choice: is Rs.499");
      cost=cost+499;
    }
    else if(num==4)
    {
      name[z]="small sherwanis";
      price[z]=599;
```

```java
        z++;
        System.out.println("the cost of your choice: is Rs.599");
        cost=cost+599;
    }
    else
    System.out.println("please recheck your input");
    break;
    case 3:
    System.out.println("welcome to the 7-12 years old kids section!");
    System.out.println("new designs are just in!!!");
    System.out.println("Please enter the gender of your baby i.e. female or male!");
    sex=sc.next();;
    if(sex.equalsIgnoreCase("female"))
    {
        System.out.println("kindly look around and choose the correct size for your tiny tot");
        System.out.println("1.skirts");
        System.out.println("2.frocks");
        System.out.println("3.ghagras");
        System.out.println("4. dangrees");
        System.out.println("Please pick a number according to the above given menu");
System.out.print("Enter your choice:");
        num=sc.nextInt();
        System.out.println("-------------------------------------------");
        if(num==1)
        {
            name[z]="skirts";
            price[z]=299;
            z++;
            System.out.println("the cost of your choice: is 299");
            cost=cost+299;
        }
        else if(num==2)
    {
        name[z]="frocks";
        price[z]=399;
        z++;
        System.out.println("the cost of your choice: is Rs.399");
        cost=cost+399;
    }
    else if(num==3)
    {
        name[z]="ghagras";
        price[z]=499;
        z++;
        System.out.println("the cost of your choice: is Rs.499");
        cost=cost+499;
    }
    else if(num==4)
    {
        name[z]="dangrees";
        price[z]=599;
        z++;
        System.out.println("the cost of your choice: is Rs.599");
        cost=cost+599;
    }
```

```java
        else
        System.out.println("please recheck your input");
        break;
    }
        else if(sex.equalsIgnoreCase("male"));
        System.out.println("kindly look around and choose the correct size for your darling");
        System.out.println("1.pants");
        System.out.println("2.shirts");
        System.out.println("3.trousers");
        System.out.println("4. small sherwanis");
        System.out.println("Please pick a number according to the above given menu");
    System.out.print("Enter your choice:");
        num=sc.nextInt();
        System.out.println("-------------------------------------------");
        if(num==1)
        {
           name[z]="pants";
           price[z]=299;
           z++;
           System.out.println("the cost of your choice: is 299");
           cost=cost+299;
        }
        else if(num==2)
    {
       name[z]="shirts";
       price[z]=399;
       z++;
       System.out.println("the cost of your choice: is Rs.399");
       cost=cost+399;
    }
        else if(num==3)
        {
           name[z]="trousers";
           price[z]=499;
           z++;
           System.out.println("the cost of your choice is Rs.499");
           cost=cost+499;
        }
        else if(num==4)
        {
           name[z]="small sherwanis";
           price[z]=599;
           z++;
           System.out.println("the cost of your choice is Rs.599");
           cost=cost+599;
        }
        else
        System.out.println("please recheck your input");
        break;
        case 4:
    System.out.println("welcome to the 8-15 years old kids section!");
    System.out.println("new designs are just in!!!");
    System.out.println("Please enter the gender of your baby i.e. female or male!");
```

```java
        sex=sc.next();
     System.out.println("--------------------------------------------");
     if(sex.equalsIgnoreCase("female"))
     {
        System.out.println("kindly look around and choose the correct size for your tiny tot");
        System.out.println("1.skirts");
         System.out.println("2.dresses");
         System.out.println("3.ghagras");
         System.out.println("4. dangrees");
         System.out.println("Please pick a number according to the above given menu");
System.out.print("Enter your choice:");
        num=sc.nextInt();
        System.out.println("--------------------------------------------");
        if(num==1)
        {
           name[z]="skirts";
           price[z]=299;
           z++;
           System.out.println("the cost of your choice: is 299");
           cost=cost+299;
        }
        else if(num==2)
     {
        name[z]="dresses";
         price[z]=399;
         z++;
         System.out.println("the cost of your choice: is Rs.399");
         cost=cost+399;
     }
     else if(num==3)
     {
        name[z]="ghagras";
        price[z]=499;
        z++;
        System.out.println("the cost of your choice: is Rs.499");
        cost=cost+499;
     }
     else if(num==4)
     {
        name[z]="dangrees";
        price[z]=599;
        z++;
        System.out.println("the cost of your choice: is Rs.599");
        cost=cost+599;
     }
     else
     System.out.println("please recheck your input");
     break;
  }
     else if(sex.equalsIgnoreCase("male"));
     {
         System.out.println("kindly look around and choose the correct size for your darling");
        System.out.println("1.pants");
         System.out.println("2.shirts");
         System.out.println("3.trousers");
```

```
        System.out.println("4. sherwanis");
        System.out.println("Please pick a number according to the above given menu");
    System.out.print("Enter your choice:");
        num=sc.nextInt();
        System.out.println("-------------------------------------------");
        if(num==1)
        {
           name[z]="pants";
           price[z]=299;
           z++;
           System.out.println("the cost of your choice: is 299");
           cost=cost+299;
        }
        else if(num==2)
      {
           name[z]="shirts";
           price[z]=399;
           z++;
           System.out.println("the cost of your choice: is Rs.399");
           cost=cost+399;
      }
        else if(num==3)
        {
           name[z]="trousers";
           price[z]=499;
           z++;
           System.out.println("the cost of your choice: is Rs.499");
           cost=cost+499;
        }
        else if(num==4)
        {
           name[z]="sherwanis";
           price[z]=599;
           z++;
           System.out.println("the cost of your choice: is Rs.599");
           cost=cost+599;
        }
        else
        System.out.println("please recheck your input");
        break;
      }
        default:
        System.out.println("please recheck your input");
        break;
      }
    }
  private void Acessories()
  {
    Scanner sc=new Scanner(System.in);
    System.out.println("welcome to the acessories section!!!");
    System.out.println("please enter a no. according to Enter your choice:");
    System.out.println("1. cosmetics");
    System.out.println("2. belts");
```

```java
System.out.println("3. bracelets/bangels");
System.out.println("4. pendants");
System.out.println("5. hairbands");
System.out.println("6. ties");
System.out.println("Please pick a number according to the above given menu");
  System.out.print("Enter your choice:");
int chwo=sc.nextInt();
System.out.println("-------------------------------------------");
switch(chwo)
{
   case 1:
    System.out.println("discount of 15% on a purchase of 2000 in this section");
     System.out.println("new products are just in!!!");
     disc=2000-(0.15*2000);
     cost=cost+disc;
     name[z]="Cosmetics";
         price[z]=disc;
         z++;
         System.out.println("the cost of your choice: is Rs. 900");
         break;
        case 2:
            System.out.println("discount of 5% on a purchase of 2000 in this section");
     System.out.println("new products are just in!!!");
     disc=500-(0.5*500);
     cost=cost+disc;
     name[z]="belts";
         price[z]=disc;
         z++;
         System.out.println("the cost of your choice: is Rs. 900");
         break;
         case 3:
         System.out.println("discount of 15% on a purchase of 1000 in this section");
System.out.println("new products are just in!!!");
         disc=1000-(0.15*1000);
        cost=cost+disc;
        name[z]="bangels and bracelets";
         price[z]=disc;
         z++;
         System.out.println("the cost of your choice: is Rs. 900");
         break;
         case 4:
        System.out.println("discount of 15% on a purchase of 2000 in this section");
      System.out.println("new products are just in!!!");
      disc=2000-(0.15*2000);
      cost=cost+disc;
      name[z]="Chains";
         price[z]=disc;
         z++;
         System.out.println("the cost of your choice: is Rs. 900");
         break;
         case 5:
         System.out.println("discount of 25% on a purchase of 2000 in this section");
     System.out.println("new products are just in!!!");
     disc=2000-(0.25*2000);
     cost=cost+disc;
```

```java
            name[z]="hairband/clips";
                price[z]=disc;
                z++;
                System.out.println("the cost of your choice: is Rs. 900");
                break;
                case 6:
                System.out.println("discount of 15% on a purchase of 2000 in this section");
            System.out.println("new products are just in!!!");
            disc=2000-(0.15*2000);
            cost=cost+disc;
            name[z]="ties";
                price[z]=disc;
                z++;
                System.out.println("the cost of your choice: is Rs. 900");
                break;
                default:
                System.out.println("please recheck your input");
                break;
            } }
private void Shoes()
        {
        Scanner sc=new Scanner(System.in);
        System.out.println("welcome to shoes section!!!");
        System.out.println("please enter a no. according to Enter your choice:");
        System.out.println("1. mens footwear");
        System.out.println("2. womens footwear");
        System.out.println("Please pick a number according to the above given menu");
          System.out.print("Enter your choice:");
        int chwo=sc.nextInt();
        System.out.println("-------------------------------------------");
        switch(chwo)
        {
        case 1:
        System.out.println("welcome to the mens footwear section");
        System.out.println("1. running shoes");
        System.out.println("2. boots");
        System.out.println("3. sandals");
        System.out.println("4. leather shoes");
        System.out.println("Please pick a number according to the above given menu");
          System.out.print("Enter your choice:");
        int num=sc.nextInt();
        System.out.println("-------------------------------------------");
        if(num==1)
        {
           name[z]="running shoes";
           price[z]=3000;
           z++;
           System.out.println("the cost of your purchase is 3000");
           cost=cost+3000;
        }
        else if(num==2)
        {
            name[z]="boots";
```

```java
        price[z]=2000;
        z++;
        System.out.println("the cost of your purchase is 3000");
        cost=cost+2000;
    }
    else if(num==3)
    {
        name[z]="sandals";
        price[z]=2000;
        z++;
        System.out.println("the cost of your purchase is 3000");
        cost=cost+2000;
    }
    else if(num==4)
    {
         name[z]="leather shoes";
        price[z]=2000;
        z++;
        System.out.println("the cost of your purchase is 3000");
        cost=cost+2000;

    }
    else
    {
        System.out.println("please recheck of your input");

    }
    break;
    case 2:
    System.out.println("welcome to the womens footwear section");
    System.out.println("1. running shoes");
    System.out.println("2. boots");
    System.out.println("3. sandals");
    System.out.println("4. high heels");
    System.out.println("Please pick a number according to the above given menu");
      System.out.print("Enter your choice:");
    num=sc.nextInt();
    System.out.println("-------------------------------------------");
    if(num==1)
    {
        name[z]="running shoes";
        price[z]=3000;
        z++;
        System.out.println("the cost of your purchase is 3000");
        cost=cost+3000;
    }
    else if(num==2)
    {
         name[z]="boots";
        price[z]=2000;
        z++;
        System.out.println("the cost of your purchase is 3000");
        cost=cost+2000;
    }
    else if(num==3)
    {
        name[z]="sandals";
```

```java
            price[z]=2000;
            z++;
            System.out.println("the cost of your purchase is 3000");
            cost=cost+2000;
        }
        else if(num==4)
        {
             name[z]="high heels";
            price[z]=2000;
            z++;
            System.out.println("the cost of your purchase is 3000");
            cost=cost+2000;
        }
        else
        {
            System.out.println("please recheck your input");
        }
        break;
        default:
        System.out.println("please recheck input");
    } }
private void exit()
{
    System.exit(0);
}
 }
```

Glossary:

VARIABLE	TYPE	USE
cost	double	Cost of products
disc	double	Discount on products
gst	double	Goods and services calculator
name[]	String array	All product names
Price[]	Double array	All product prices
billamt	double	Calculating bill
c	int	Switch case controller
i	int	Loop controller
str	string	Users input
chwo	int	switch case controller
k	int	If and else controller
a[]	Array (int)	Sorting array
b[]	Array(string)	Sorting array
j	int	Nested loop controller
z	int	Array positions
l	int	Length of array
num	int	If & else controller for subcategories

FUNCTION	TYPE	USE
void main()	Accepts values, no return public	Main method
void women()	Accepts values, no return private	Womens menu method
void men()	Accepts values,no return private	Mens menu method
void kids()	Accepts values,no return private	Kids menu method
void accessories()	Accepts values,no return private	Accessories menu method
void shoes()	Accepts values,no return private	Shoes menu method
void exit()	Accepts values,no return private	Exit from program

Sample Output:

Sample output #1

```
WELCOME TO TWIQ
INDIAS FASTEST GROWING ONLINE STORE!!!!
WE OVER AT TWIQ STRIVE TO GIVE YOU QUALITY PRODUCTS AT THE BEST POSSIBLE OFFERS
10% OF THE PROFITS MADE PER ORDER GO TO The National Forest Conservation Federation
---------------------------------------------------------------------------------
SHOP BY CATEGORY:
1. WOMENS FASHION
2. MENS FASHION
3. KIDS FASHION
4. ACESSORIES
5. SHOES
6. EXIT
Please pick a number according to the above given menu
Enter your choice:



Type input and press Enter to send to program
```

```
WELCOME TO TWIQ
INDIAS FASTEST GROWING ONLINE STORE!!!!
WE OVER AT TWIQ STRIVE TO GIVE YOU QUALITY PRODUCTS AT THE BEST POSSIBLE OFFERS
10% OF THE PROFITS MADE PER ORDER GO TO The National Forest Conservation Federation
---------------------------------------------------------------------------------
SHOP BY CATEGORY:
1. WOMENS FASHION
2. MENS FASHION
3. KIDS FASHION
4. ACESSORIES
5. SHOES
6. EXIT
Please pick a number according to the above given menu
Enter your choice:1
------------------------------------------
Welcome to the womens clothing section!!!
PICK A CLOTHING STYLE OF YOUR CHOICE
1. Ethnic wear
2. Casual wear
3. Formal wear
4. Western wear
5. Party wear
20% off on casual wear and 25% off on party wear
Please pick a number according to the above given menu
Enter your choice:



Type input and press Enter to send to program
```

```
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6. EXIT
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Enter your choice:1
-------------------------------------------
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1. Ethnic wear
2. Casual wear
3. Formal wear
4. Western wear
5. Party wear
20% off on casual wear and 25% off on party wear
Please pick a number according to the above given menu
Enter your choice:
1
-------------------------------------------
WELCOME TO THE ETHNIC WEAR SECTION!
YOU CAN NOW SORT PRODUCTS ACCORDING TO PRICE
Press 1 to sort from LOW to HIGH
Press 2 to sort from HIGH to LOW
Press 3 to leave as it is!
1.Blue and Silver Saree Rs.900
2.Pattiyalli Rs.500
3.Churridhar Rs.400
4.Salwar kameez Rs.650
5.Kurti Rs.600
6.Ghagra Rs.800
```

Type input and press Enter to send to program

```
1
After sorting
1.Saree: 400
2.Pattiyalli: 500
3.Chuddhidhar: 600
4.Salwar kameez: 650
5.Kurti: 800
6.Ghagra: 900
1
The cost of your choice is Rs. 400
Please press 1 to go to cart
 Please type 2 to continue
```

Type input and press Enter to send to program

```
Welcome to the womens clothing section!!!
PICK A CLOTHING STYLE OF YOUR CHOICE
1. Ethnic wear
2. Casual wear
3. Formal wear
4. Western wear
5. Party wear
20% off on casual wear and 25% off on party wear
Please pick a number according to the above given menu
Enter your choice:1
-------------------------------------------
WELCOME TO THE ETHNIC WEAR SECTION!
YOU CAN NOW SORT PRODUCTS ACCORDING TO PRICE
Press 1 to sort from LOW to HIGH
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1.Blue and Silver Saree Rs.900
2.Pattiyalli Rs.500
3.Churridhar Rs.400
4.Salwar kameez Rs.650
5.Kurti Rs.600
6.Ghagra Rs.800
1
After sorting
1.Saree: 400
2.Pattiyalli: 500
3.Chuddhidhar: 600
4.Salwar kameez: 650
5.Kurti: 800
6.Ghagra: 900
1
The cost of your choice is Rs. 400
Please press 1 to go to cart
 Please type 2 to continue
1
Your bill:
SI. no.              Item name              Cost of item
1                    Chuddhidhar            Rs.400.0
----------------------------------------------
Total cost to be paid before GST:400.0
----------------------------------------------
Total after GST:472.0
----------------------------------------------
Hope you enjoyed shopping!
Please do come back soon!
If you would like to exit,please Press 1
1

Can only enter input while your programming is running
```

Sample output 2#

```
WELCOME TO TWIQ
INDIAS FASTEST GROWING ONLINE STORE!!!!
WE OVER AT TWIQ STRIVE TO GIVE YOU QUALITY PRODUCTS AT THE BEST POSSIBLE OFFERS
10% OF THE PROFITS MADE PER ORDER GO TO The National Forest Conservation Federation
--------------------------------------------------------------------------------
SHOP BY CATEGORY:
1. WOMENS FASHION
2. MENS FASHION
3. KIDS FASHION
4. ACESSORIES
5. SHOES
6. EXIT
Please pick a number according to the above given menu
Enter your choice:2
-------------------------------------------
Welcome to the mens clothing section!!!
PICK A CLOTHING STYLE OF Enter your choice:!!!!!
1. Ethnic wear
2. Casual wear
3. Formal wear
4. Western wear
5. Party wear
20% off on casual wear and 25% off on party wear
Please pick a number according to the above given menu
Enter your choice:2
-------------------------------------------
This is the casual wear section
a large varieties of sizes to choose from!
PLEASE ENTER THE NOS. ACCORDING TO Enter your choice:
1.Casual pants
2.casual tshirts
3.casual shirts
4.sweaters/jackets
5. Trousers
Please pick a number according to the above given menu
Enter your choice:1
-------------------------------------------
the cost of your choice: is Rs. 599 but after discount it is 479.2
Please press 1 to go to cart
 Please type 2 to continue
2
SHOP BY CATEGORY:
1. WOMENS FASHION
2. MENS FASHION
3. KIDS FASHION
4. ACESSORIES
5. SHOES
6. EXIT

Type input and press Enter to send to program
```

```
Enter your choice:2
-------------------------------------------
Welcome to the mens clothing section!!!
PICK A CLOTHING STYLE OF Enter your choice:!!!!!
1. Ethnic wear
2. Casual wear
3. Formal wear
4. Western wear
5. Party wear
20% off on casual wear and 25% off on party wear
Please pick a number according to the above given menu
Enter your choice:2
-------------------------------------------
This is the casual wear section
a large varieties of sizes to choose from!
PLEASE ENTER THE NOS. ACCORDING TO Enter your choice:
1.Casual pants
2.casual tshirts
3.casual shirts
4.sweaters/jackets
5. Trousers
Please pick a number according to the above given menu
Enter your choice:1
-------------------------------------------
the cost of your choice: is Rs. 599 but after discount it is 479.2
Please press 1 to go to cart
 Please type 2 to continue
2
SHOP BY CATEGORY:
1. WOMENS FASHION
2. MENS FASHION
3. KIDS FASHION
4. ACESSORIES
5. SHOES
6. EXIT
Please pick a number according to the above given menu
Enter your choice:4
-------------------------------------------
welcome to the acessories section!!!
please enter a no. according to Enter your choice:
1. cosmetics
2. belts
3. bracelets/bangels
4. pendants
5. hairbands
6. ties
Please pick a number according to the above given menu
Enter your choice:
```

```
2
SHOP BY CATEGORY:
1. WOMENS FASHION
2. MENS FASHION
3. KIDS FASHION
4. ACESSORIES
5. SHOES
6. EXIT
Please pick a number according to the above given menu
Enter your choice:4
-------------------------------------------
welcome to the acessories section!!!
please enter a no. according to Enter your choice:
1. cosmetics
2. belts
3. bracelets/bangels
4. pendants
5. hairbands
6. ties
Please pick a number according to the above given menu
Enter your choice:1
-------------------------------------------
discount of 15% on a purchase of 2000 in this section
new products are just in!!!
the cost of your choice: is Rs. 900
Please press 1 to go to cart
 Please type 2 to continue
2
SHOP BY CATEGORY:
1. WOMENS FASHION
2. MENS FASHION
3. KIDS FASHION
4. ACESSORIES
5. SHOES
6. EXIT
Please pick a number according to the above given menu
Enter your choice:1
-------------------------------------------
Welcome to the womens clothing section!!!
PICK A CLOTHING STYLE OF YOUR CHOICE
1. Ethnic wear
2. Casual wear
3. Formal wear
4. Western wear
5. Party wear
20% off on casual wear and 25% off on party wear
Please pick a number according to the above given menu
Enter your choice:
```

```
Please pick a number according to the above given menu
Enter your choice:
3
------------------------------------------
This is the formal wear section
A large varieties of sizes to choose from!
PLEASE ENTER THE NOS. ACCORDING TO Enter your choice:
1.Formal pant Rs.599
2.Formal tshirt Rs.399
3.Formal skirt Rs.499
4.Brown Winter Coat Rs.1599
Please pick a number according to the above given menu
Enter your choice:1
------------------------------------------
the cost of your choice: is Rs.599
Please press 1 to go to cart
 Please type 2 to continue
2
SHOP BY CATEGORY:
1. WOMENS FASHION
2. MENS FASHION
3. KIDS FASHION
4. ACESSORIES
5. SHOES
6. EXIT
Please pick a number according to the above given menu
Enter your choice:3
------------------------------------------
welcome to the kids clothing section!!!
please enter a no. according to Enter your choice:
1. 0-12 months
2. 1-6 years
3. 7-12 years
4. 8-15 years
Please pick a number according to the above given menu
Enter your choice:1
------------------------------------------
welcome to the infants section!
new designs are just in!!!
Please enter the gender of your baby i.e. 1 for female and 2 for male!
1
kindly look around and choose the correct size for your darling
1.Skirt
2.Plain frock
3.Frilled frock
4. T-shirt
Please pick a number according to the above given menu
Enter your choice:
```

```
Type input and press Enter to send to program
```

```
3. KIDS FASHION
4. ACESSORIES
5. SHOES
6. EXIT
Please pick a number according to the above given menu
Enter your choice:3
------------------------------------------
welcome to the kids clothing section!!!
please enter a no. according to Enter your choice:
1. 0-12 months
2. 1-6 years
3. 7-12 years
4. 8-15 years
Please pick a number according to the above given menu
Enter your choice:1
------------------------------------------
welcome to the infants section!
new designs are just in!!!
Please enter the gender of your baby i.e. 1 for female and 2 for male!
1
kindly look around and choose the correct size for your darling
1.Skirt
2.Plain frock
3.Frilled frock
4. T-shirt
Please pick a number according to the above given menu
Enter your choice:1
------------------------------------------
the cost of your choice: is 299
Please press 1 to go to cart
 Please type 2 to continue
1
Your bill:
SI. no.              Item name              Cost of item
1                    Casual pants           Rs.479.2
2                    Cosmetics              Rs.1700.0
3                    Formal pant            Rs.599.0
4                    skirts        Rs.299.0
--------------------------------------------------
Total cost to be paid before GST:3077.2
--------------------------------------------------
Total after GST:3631.0959999999995
--------------------------------------------------
Hope you enjoyed shopping!
Please do come back soon!
If you would like to exit,please Press 1
1
```

```
Can only enter input while your programming is running
```

Conclusion:

This project has been a great tutor as far as practical aspects of programming are concerned. I planned the program with my classmates and then discussed it with my teacher.
After drafting the source code, I punched it into the computer followed by debugging and then testing it, both at home and at school.
Subsequently, I was able to get error free code to put into my project.
This has not only drilled me on the subject but also taught me things like team work, time management, research work and presentation skills.
These are valuable life lessons, which will always stay with and help me in my career.

Bibliography:

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