import java.util.\*;

class BILLING\_OF\_A\_SHOPPING\_MALL{

public int tp[]=new int[10\*10];//to store product price

public int co[]=new int[10\*10];//to store product code

public String fn[]=new String[10\*10];//to store product name

public double tg[]=new double[10\*10];//to store GST rate

public int tn[]=new int[10\*10];//to store quantity of product

public double amt[]=new double[10\*10];//to calculate final amount

public int n,c,i,a=0;

public double z,tt=0;

Scanner sc=new Scanner(System.in);

public void GROCERY(){

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME TO THE GROCERY STORE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

int code[]=new int[10];

for(i=101;i<111;i++){

code[i-101]=i;

}

String np[]={"Dal ","Rice ","Wheat ","Cookies ","Jam ","Nutella ","Bread ","Cornflakes","Oats ","Spices "};

int pp[]={100,140,50,50,60,90,25,250,150,170};

double gp[]={1.2,1.45,0.5,2.1,2.3,1.5,2.23,3.1,3.5,2.54,3.5};

while(true)

{

System.out.println("Code No."+" "+"Product Name"+" "+"Price"+" "+"GST rate");

for (i=0;i<10;i++)

System.out.println(code[i]+" "+np[i]+" "+pp[i]+" "+gp[i]);

System.out.println("Enter product's code number");

c=sc.nextInt();

System.out.println("Enter quantity of the product");

n=sc.nextInt();

switch(c)

{

case 101:

{

fn[a]=np[c-101];

co[a]=c;

tp[a]=pp[c-101];

tn[a]=n;

tg[a]=gp[c-101];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 102:

{

fn[a]=np[c-101];

co[a]=c;

tp[a]=pp[c-101];

tn[a]=n;

tg[a]=gp[c-101];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 103:

{

fn[a]=np[c-101];

co[a]=c;

tp[a]=pp[c-101];

tn[a]=n;

tg[a]=gp[c-101];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 104:

{

fn[a]=np[c-101];

co[a]=c;

tp[a]=pp[c-101];

tn[a]=n;

tg[a]=gp[c-101];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 105:

{

fn[a]=np[c-101];

co[a]=c;

tp[a]=pp[c-101];

tn[a]=n;

tg[a]=gp[c-101];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 106:

{

fn[a]=np[c-101];

co[a]=c;

tp[a]=pp[c-101];

tn[a]=n;

tg[a]=gp[c-101];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 107:

{

fn[a]=np[c-101];

co[a]=c;

tp[a]=pp[c-101];

tn[a]=n;

tg[a]=gp[c-101];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 108:

{

fn[a]=np[c-101];

co[a]=c;

tp[a]=pp[c-101];

tn[a]=n;

tg[a]=gp[c-101];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 109:

{

fn[a]=np[c-101];

co[a]=c;

tp[a]=pp[c-101];

tn[a]=n;

tg[a]=gp[c-101];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 110:

{

fn[a]=np[c-101];

co[a]=c;

tp[a]=pp[c-101];

tn[a]=n;

tg[a]=gp[c-101];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 111:

{

fn[a]=np[c-101];

co[a]=c;

tp[a]=pp[c-101];

tn[a]=n;

tg[a]=gp[c-101];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

default:System.out.println("Invalid code choice");

}//end of switch

System.out.println("Press Y to continue");

System.out.println("Press N to exit");

System.out.println("Enter your choice");

c=sc.next().charAt(0);

if (c=='N')

break;

}//end of while

System.out.println("Product code"+" "+"\*\*\*\*\*Name\*\*\*\*\*"+" "+"\*\*\*\*\*Price\*\*\*\*\*"+" "+"\*\*\*\*\*GST rate\*\*\*\*\*"+" "+"\*\*\*\*\*Total Amount\*\*\*\*\*");

for(i=0;i<a;i++)

{

tt=tt+amt[i];

System.out.println(co[i]+" "+fn[i]+" "+tp[i]+" "+tg[i]+" "+amt[i]);

}//end of for

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Total bill in the store = "+tt+"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

a=0;

}//end of function grocery

public void BEVERAGE(){

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME TO THE BEVERAGE STORE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

int code[]=new int[10];

for(i=201;i<211;i++){

code[i-201]=i;

}

String np[]={"Fanta ","Sprite ","Cocacola ","Thumbs Up ","Maaza ","Pepsi ","Tropicana ","Lassi ","Milk Shakes","Soda "};

int pp[]={35,30,35,30,20,35,10,10,20,10};

double gp[]={0.2,0.45,0.5,0.1,0.3,0.5,0.23,0.1,0.5,0.54,0.5};

while(true)

{

System.out.println("Code No."+" "+"Product Name"+" "+"Price"+" "+"GST rate");

for (i=0;i<10;i++)

System.out.println(code[i]+" "+np[i]+" "+pp[i]+" "+gp[i]);

System.out.println("Enter product's code number");

c=sc.nextInt();

System.out.println("Enter quantity of the product");

n=sc.nextInt();

switch(c){

case 201:{fn[a]=np[c-201];

co[a]=c;

tp[a]=pp[c-201];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 202:{fn[a]=np[c-201];

co[a]=c;

tp[a]=pp[c-201];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 203:{fn[a]=np[c-201];

co[a]=c;

tp[a]=pp[c-201];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 204:{fn[a]=np[c-201];

co[a]=c;

tp[a]=pp[c-201];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 205:{fn[a]=np[c-201];

co[a]=c;

tp[a]=pp[c-201];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 206:{fn[a]=np[c-201];

co[a]=c;

tp[a]=pp[c-201];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 207:{fn[a]=np[c-201];

co[a]=c;

tp[a]=pp[c-201];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 208:{fn[a]=np[c-201];

co[a]=c;

tp[a]=pp[c-201];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 209:{fn[a]=np[c-201];

co[a]=c;

tp[a]=pp[c-201];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 210:{fn[a]=np[c-201];

co[a]=c;

tp[a]=pp[c-201];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 211:{fn[a]=np[c-201];

co[a]=c;

tp[a]=pp[c-201];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

default:System.out.println("Invalid code choice");

}//end of switch

System.out.println("Press Y to continue");

System.out.println("Press N to exit");

System.out.println("Enter your choice");

c=sc.next().charAt(0);

if (c=='N')

break;

}//end of while

System.out.println("Product code"+" "+"\*\*\*\*\*Name\*\*\*\*\*"+" "+"\*\*\*\*\*Price\*\*\*\*\*"+" "+"\*\*\*\*\*GST rate\*\*\*\*\*"+" "+"\*\*\*\*\*Total Amount\*\*\*\*\*");

for(i=0;i<a;i++)

{

tt=tt+amt[i];

System.out.println(co[i]+" "+fn[i]+" "+tp[i]+" "+tg[i]+" "+amt[i]);

}//end of for

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Total bill in the store = "+tt+"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

a=0;

}//end of function beverage

public void FAST\_FOOD(){

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME TO THE FAST FOOD STORE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

int code[]=new int[10];

for(i=301;i<311;i++){

code[i-301]=i;

}

String np[]={"Chocolate Lava Cake","Rainbow Icecream ","Burger ","Pizza ","Chicken Drums ","Cheese Cake ","Hotdogs ","Veg Subway ","Non-Veg Subway ","Noodles "};

int pp[]={35,30,55,100,120,35,70,50,70,80};

double gp[]={1.2,0.45,0.5,1.8,0.98,0.5,0.23,0.1,0.5,0.54,0.5};

while(true)

{

System.out.println("Code No."+" "+"Product Name"+" "+"Price"+" "+"GST rate");

for (i=0;i<10;i++)

System.out.println(code[i]+" "+np[i]+" "+pp[i]+" "+gp[i]);

System.out.println("Enter product's code number");

c=sc.nextInt();

System.out.println("Enter quantity of the product");

n=sc.nextInt();

switch(c){

case 301:{fn[a]=np[c-301];

co[a]=c;

tp[a]=pp[c-301];

tn[a]=n;

tg[a]=gp[c-301];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 302:{fn[a]=np[c-301];

co[a]=c;

tp[a]=pp[c-301];

tn[a]=n;

tg[a]=gp[c-301];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 303:{fn[a]=np[c-301];

co[a]=c;

tp[a]=pp[c-301];

tn[a]=n;

tg[a]=gp[c-301];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 304:{fn[a]=np[c-301];

co[a]=c;

tp[a]=pp[c-301];

tn[a]=n;

tg[a]=gp[c-301];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 305:{fn[a]=np[c-301];

co[a]=c;

tp[a]=pp[c-301];

tn[a]=n;

tg[a]=gp[c-301];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 306:{fn[a]=np[c-301];

co[a]=c;

tp[a]=pp[c-301];

tn[a]=n;

tg[a]=gp[c-301];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 307:{fn[a]=np[c-301];

co[a]=c;

tp[a]=pp[c-301];

tn[a]=n;

tg[a]=gp[c-301];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 308:{fn[a]=np[c-301];

co[a]=c;

tp[a]=pp[c-301];

tn[a]=n;

tg[a]=gp[c-301];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 309:{fn[a]=np[c-301];

co[a]=c;

tp[a]=pp[c-301];

tn[a]=n;

tg[a]=gp[c-301];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 310:{fn[a]=np[c-301];

co[a]=c;

tp[a]=pp[c-301];

tn[a]=n;

tg[a]=gp[c-301];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 311:{fn[a]=np[c-301];

co[a]=c;

tp[a]=pp[c-301];

tn[a]=n;

tg[a]=gp[c-301];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

default:System.out.println("Invalid code choice");

}//end of switch

System.out.println("Press Y to continue");

System.out.println("Press N to exit");

System.out.println("Enter your choice");

c=sc.next().charAt(0);

if (c=='N')

break;

}//end of while

System.out.println("Product code"+" "+"\*\*\*\*\*Name\*\*\*\*\*"+" "+"\*\*\*\*\*Price\*\*\*\*\*"+" "+"\*\*\*\*\*GST rate\*\*\*\*\*"+" "+"\*\*\*\*\*Total Amount\*\*\*\*\*");

for(i=0;i<a;i++)

{

tt=tt+amt[i];

System.out.println(co[i]+" "+fn[i]+" "+tp[i]+" "+tg[i]+" "+amt[i]);

}//end of for

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Total bill in the store = "+tt+"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

a=0;

}//end of function fast food

public void WOMEN\_CLOTHING(){

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME TO THE WOMEN'S CLOTHING STORE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

int code[]=new int[10];

for(i=401;i<411;i++){

code[i-401]=i;

}

String np[]={"Saree ","Salwar Suit","Lehanga ","Jeans ","Tops ","Dresses ","Kurti ","Skirts ","Shorts ","Dungrees "};

int pp[]={3500,2000,5000,1000,500,1000,800,600,800,1500};

double gp[]={4.2,4.45,5.5,2.1,1.3,2.5,1.23,2.1,1.5,1.54,2.5};

while(true)

{

System.out.println("Code No."+" "+"Product Name"+" "+"Price"+" "+"GST rate");

for (i=0;i<10;i++)

System.out.println(code[i]+" "+np[i]+" "+pp[i]+" "+gp[i]);

System.out.println("Enter product's code number");

c=sc.nextInt();

System.out.println("Enter quantity of the product");

n=sc.nextInt();

switch(c){

case 401:{fn[a]=np[c-401];

co[a]=c;

tp[a]=pp[c-401];

tn[a]=n;

tg[a]=gp[c-401];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 402:{fn[a]=np[c-401];

co[a]=c;

tp[a]=pp[c-401];

tn[a]=n;

tg[a]=gp[c-401];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 403:{fn[a]=np[c-401];

co[a]=c;

tp[a]=pp[c-401];

tn[a]=n;

tg[a]=gp[c-401];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 404:{fn[a]=np[c-401];

co[a]=c;

tp[a]=pp[c-401];

tn[a]=n;

tg[a]=gp[c-401];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 405:{fn[a]=np[c-401];

co[a]=c;

tp[a]=pp[c-401];

tn[a]=n;

tg[a]=gp[c-401];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 406:{fn[a]=np[c-401];

co[a]=c;

tp[a]=pp[c-401];

tn[a]=n;

tg[a]=gp[c-401];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 407:{fn[a]=np[c-401];

co[a]=c;

tp[a]=pp[c-401];

tn[a]=n;

tg[a]=gp[c-401];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 408:{fn[a]=np[c-401];

co[a]=c;

tp[a]=pp[c-401];

tn[a]=n;

tg[a]=gp[c-401];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 409:{fn[a]=np[c-401];

co[a]=c;

tp[a]=pp[c-401];

tn[a]=n;

tg[a]=gp[c-401];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 410:{fn[a]=np[c-401];

co[a]=c;

tp[a]=pp[c-401];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 411:{fn[a]=np[c-401];

co[a]=c;

tp[a]=pp[c-201];

tn[a]=n;

tg[a]=gp[c-201];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

default:System.out.println("Invalid code choice");

}//end of switch

System.out.println("Press Y to continue");

System.out.println("Press N to exit");

System.out.println("Enter your choice");

c=sc.next().charAt(0);

if (c=='N')

break;

}//end of while

System.out.println("Product code"+" "+"\*\*\*\*\*Name\*\*\*\*\*"+" "+"\*\*\*\*\*Price\*\*\*\*\*"+" "+"\*\*\*\*\*GST rate\*\*\*\*\*"+" "+"\*\*\*\*\*Total Amount\*\*\*\*\*");

for(i=0;i<a;i++)

{

tt=tt+amt[i];

System.out.println(co[i]+" "+fn[i]+" "+tp[i]+" "+tg[i]+" "+amt[i]);

}//end of for

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Total bill in the store = "+tt+"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

a=0;

}//end of function women's clothing

public void MEN\_CLOTHING(){

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME TO THE MEN'S CLOTHING STORE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

int code[]=new int[10];

for(i=501;i<511;i++){

code[i-501]=i;

}

String np[]={"Shorts ","T-Shirts ","Trousers ","Formal Shirts ","Sherwani ","Kurta ","Dhoti ","Jeans ","Coats ","Bomber Jackets"};

int pp[]={800,500,1500,1500,5000,800,1000,1000,7000,2000};

double gp[]={2.2,2.45,3.5,3.1,4.3,2.5,2.23,1.1,1.5,4.54,2.5};

while(true)

{

System.out.println("Code No."+" "+"Product Name"+" "+"Price"+" "+"GST rate");

for (i=0;i<10;i++)

System.out.println(code[i]+" "+np[i]+" "+pp[i]+" "+gp[i]);

System.out.println("Enter product's code number");

c=sc.nextInt();

System.out.println("Enter quantity of the product");

n=sc.nextInt();

switch(c){

case 501:{fn[a]=np[c-501];

co[a]=c;

tp[a]=pp[c-501];

tn[a]=n;

tg[a]=gp[c-501];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 502:{fn[a]=np[c-501];

co[a]=c;

tp[a]=pp[c-501];

tn[a]=n;

tg[a]=gp[c-501];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 503:{fn[a]=np[c-501];

co[a]=c;

tp[a]=pp[c-501];

tn[a]=n;

tg[a]=gp[c-501];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 504:{fn[a]=np[c-501];

co[a]=c;

tp[a]=pp[c-501];

tn[a]=n;

tg[a]=gp[c-501];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 505:{fn[a]=np[c-501];

co[a]=c;

tp[a]=pp[c-501];

tn[a]=n;

tg[a]=gp[c-501];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 506:{fn[a]=np[c-501];

co[a]=c;

tp[a]=pp[c-501];

tn[a]=n;

tg[a]=gp[c-501];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 507:{fn[a]=np[c-501];

co[a]=c;

tp[a]=pp[c-501];

tn[a]=n;

tg[a]=gp[c-501];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 508:{fn[a]=np[c-501];

co[a]=c;

tp[a]=pp[c-501];

tn[a]=n;

tg[a]=gp[c-501];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 509:{fn[a]=np[c-501];

co[a]=c;

tp[a]=pp[c-501];

tn[a]=n;

tg[a]=gp[c-501];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 510:{fn[a]=np[c-501];

co[a]=c;

tp[a]=pp[c-501];

tn[a]=n;

tg[a]=gp[c-501];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 511:{fn[a]=np[c-501];

co[a]=c;

tp[a]=pp[c-501];

tn[a]=n;

tg[a]=gp[c-501];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

default:System.out.println("Invalid code choice");

}//end of switch

System.out.println("Press Y to continue");

System.out.println("Press N to exit");

System.out.println("Enter your choice");

c=sc.next().charAt(0);

if (c=='N')

break;

}//end of while

System.out.println("Product code"+" "+"\*\*\*\*\*Name\*\*\*\*\*"+" "+"\*\*\*\*\*Price\*\*\*\*\*"+" "+"\*\*\*\*\*GST rate\*\*\*\*\*"+" "+"\*\*\*\*\*Total Amount\*\*\*\*\*");

for(i=0;i<a;i++)

{

tt=tt+amt[i];

System.out.println(co[i]+" "+fn[i]+" "+tp[i]+" "+tg[i]+" "+amt[i]);

a=0;

}//end of for

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Total bill in the store = "+tt+"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

}//end of function Men's Clothing

public void KID\_STORE(){

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME TO THE KID'S STORE STORE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

int code[]=new int[10];

for(i=601;i<611;i++){

code[i-601]=i;

}

String np[]={"Frock ","Skirts ","Pants ","Shorts ","T-Shirt ","Tops ","Hairband ","Soft Toys","Toy Cars ","Scooter "};

int pp[]={600,300,350,300,200,350,50,500,500,3000};

double gp[]={0.2,0.45,0.5,0.1,0.3,0.5,0.23,0.1,3.5,3.54,4.5};

while(true)

{

System.out.println("Code No."+" "+"Product Name"+" "+"Price"+" "+"GST rate");

for (i=0;i<10;i++)

System.out.println(code[i]+" "+np[i]+" "+pp[i]+" "+gp[i]);

System.out.println("Enter product's code number");

c=sc.nextInt();

System.out.println("Enter quantity of the product");

n=sc.nextInt();

switch(c){

case 601:{fn[a]=np[c-601];

co[a]=c;

tp[a]=pp[c-601];

tn[a]=n;

tg[a]=gp[c-601];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 602:{fn[a]=np[c-601];

co[a]=c;

tp[a]=pp[c-601];

tn[a]=n;

tg[a]=gp[c-601];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 603:{fn[a]=np[c-601];

co[a]=c;

tp[a]=pp[c-601];

tn[a]=n;

tg[a]=gp[c-601];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 604:{fn[a]=np[c-601];

co[a]=c;

tp[a]=pp[c-601];

tn[a]=n;

tg[a]=gp[c-601];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 605:{fn[a]=np[c-601];

co[a]=c;

tp[a]=pp[c-601];

tn[a]=n;

tg[a]=gp[c-601];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 606:{fn[a]=np[c-601];

co[a]=c;

tp[a]=pp[c-601];

tn[a]=n;

tg[a]=gp[c-601];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 607:{fn[a]=np[c-601];

co[a]=c;

tp[a]=pp[c-601];

tn[a]=n;

tg[a]=gp[c-601];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 608:{fn[a]=np[c-601];

co[a]=c;

tp[a]=pp[c-601];

tn[a]=n;

tg[a]=gp[c-601];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 609:{fn[a]=np[c-601];

co[a]=c;

tp[a]=pp[c-601];

tn[a]=n;

tg[a]=gp[c-601];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 610:{fn[a]=np[c-601];

co[a]=c;

tp[a]=pp[c-601];

tn[a]=n;

tg[a]=gp[c-601];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 611:{fn[a]=np[c-601];

co[a]=c;

tp[a]=pp[c-601];

tn[a]=n;

tg[a]=gp[c-601];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

default:System.out.println("Invalid code choice");

}//end of switch

System.out.println("Press Y to continue");

System.out.println("Press N to exit");

System.out.println("Enter your choice");

c=sc.next().charAt(0);

if (c=='N')

break;

}//end of while

System.out.println("Product code"+" "+"\*\*\*\*\*Name\*\*\*\*\*"+" "+"\*\*\*\*\*Price\*\*\*\*\*"+" "+"\*\*\*\*\*GST rate\*\*\*\*\*"+" "+"\*\*\*\*\*Total Amount\*\*\*\*\*");

for(i=0;i<a;i++)

{

tt=tt+amt[i];

System.out.println(co[i]+" "+fn[i]+" "+tp[i]+" "+tg[i]+" "+amt[i]);

}

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Total bill in the store = "+tt+"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

a=0;

}//end of function Kid's Store

public void RESTURANT(){

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME TO THE RESTURANT \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

int code[]=new int[10];

for(i=701;i<711;i++){

code[i-701]=i;

}

String np[]={"Fried Rice ","Chilli Chicken ","Biriyani ","Chicken Butter Masala","Paneer Kulcha ","Shahi Paneer ","Chicken Tandoor ","Dosa ","Plain Nun ","Soups "};

int pp[]={135,120,155,110,20,125,150,30,10,150};

double gp[]={1.2,1.45,1.5,1.1,1.3,1.5,1.23,1.1,1.5,1.54,1.5};

while(true)

{

System.out.println("Code No."+" "+"Product Name"+" "+"Price"+" "+"GST rate");

for (i=0;i<10;i++)

System.out.println(code[i]+" "+np[i]+" "+pp[i]+" "+gp[i]);

System.out.println("Enter product's code number");

c=sc.nextInt();

System.out.println("Enter quantity of the product");

n=sc.nextInt();

switch(c){

case 701:{fn[a]=np[c-701];

co[a]=c;

tp[a]=pp[c-701];

tn[a]=n;

tg[a]=gp[c-701];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 702:{fn[a]=np[c-701];

co[a]=c;

tp[a]=pp[c-701];

tn[a]=n;

tg[a]=gp[c-701];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 703:{fn[a]=np[c-701];

co[a]=c;

tp[a]=pp[c-701];

tn[a]=n;

tg[a]=gp[c-701];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 704:{fn[a]=np[c-701];

co[a]=c;

tp[a]=pp[c-701];

tn[a]=n;

tg[a]=gp[c-701];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 705:{fn[a]=np[c-701];

co[a]=c;

tp[a]=pp[c-701];

tn[a]=n;

tg[a]=gp[c-701];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 706:{fn[a]=np[c-701];

co[a]=c;

tp[a]=pp[c-701];

tn[a]=n;

tg[a]=gp[c-701];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 707:{fn[a]=np[c-701];

co[a]=c;

tp[a]=pp[c-701];

tn[a]=n;

tg[a]=gp[c-701];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 708:{fn[a]=np[c-701];

co[a]=c;

tp[a]=pp[c-701];

tn[a]=n;

tg[a]=gp[c-701];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 709:{fn[a]=np[c-701];

co[a]=c;

tp[a]=pp[c-701];

tn[a]=n;

tg[a]=gp[c-701];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 710:{fn[a]=np[c-701];

co[a]=c;

tp[a]=pp[c-701];

tn[a]=n;

tg[a]=gp[c-701];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 711:{fn[a]=np[c-701];

co[a]=c;

tp[a]=pp[c-701];

tn[a]=n;

tg[a]=gp[c-701];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

default:System.out.println("Invalid code choice");

}//end of switch

System.out.println("Press Y to continue");

System.out.println("Press N to exit");

System.out.println("Enter your choice");

c=sc.next().charAt(0);

if (c=='N')

break;

}//end of while

System.out.println("Product code"+" "+"\*\*\*\*\*Name\*\*\*\*\*"+" "+"\*\*\*\*\*Price\*\*\*\*\*"+" "+"\*\*\*\*\*GST rate\*\*\*\*\*"+" "+"\*\*\*\*\*Total Amount\*\*\*\*\*");

for(i=0;i<a;i++)

{

tt=tt+amt[i];

System.out.println(co[i]+" "+fn[i]+" "+tp[i]+" "+tg[i]+" "+amt[i]);

}//end of for

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Total bill in the store = "+tt+"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

a=0;

}//end of function Resturaunt

public void HOME\_GOODS(){

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME TO THE HOME GOODS STORE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

int code[]=new int[10];

for(i=801;i<811;i++){

code[i-801]=i;

}

String np[]={"Curtains ","Bedsheets ","Pillows ","Pillow Covers","Matresses ","Carpets ","Decor Pieces ","Lamps ","Candles ","Potrait "};

int pp[]={1500,800,1000,300,20000,3500,1000,3000,200,500};

double gp[]={1.2,1.45,1.5,0.1,5.3,3.5,2.23,1.1,1.5,0.54,0.5};

while(true)

{

System.out.println("Code No."+" "+"Product Name"+" "+"Price"+" "+"GST rate");

for (i=0;i<10;i++)

System.out.println(code[i]+" "+np[i]+" "+pp[i]+" "+gp[i]);

System.out.println("Enter product's code number");

c=sc.nextInt();

System.out.println("Enter quantity of the product");

n=sc.nextInt();

switch(c){

case 801:{fn[a]=np[c-801];

co[a]=c;

tp[a]=pp[c-801];

tn[a]=n;

tg[a]=gp[c-801];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 802:{fn[a]=np[c-801];

co[a]=c;

tp[a]=pp[c-801];

tn[a]=n;

tg[a]=gp[c-801];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 803:{fn[a]=np[c-801];

co[a]=c;

tp[a]=pp[c-801];

tn[a]=n;

tg[a]=gp[c-801];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 804:{fn[a]=np[c-801];

co[a]=c;

tp[a]=pp[c-801];

tn[a]=n;

tg[a]=gp[c-801];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 805:{fn[a]=np[c-801];

co[a]=c;

tp[a]=pp[c-801];

tn[a]=n;

tg[a]=gp[c-801];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 806:{fn[a]=np[c-801];

co[a]=c;

tp[a]=pp[c-801];

tn[a]=n;

tg[a]=gp[c-801];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 807:{fn[a]=np[c-801];

co[a]=c;

tp[a]=pp[c-801];

tn[a]=n;

tg[a]=gp[c-801];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 808:{fn[a]=np[c-801];

co[a]=c;

tp[a]=pp[c-801];

tn[a]=n;

tg[a]=gp[c-801];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 809:{fn[a]=np[c-801];

co[a]=c;

tp[a]=pp[c-801];

tn[a]=n;

tg[a]=gp[c-801];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 810:{fn[a]=np[c-801];

co[a]=c;

tp[a]=pp[c-801];

tn[a]=n;

tg[a]=gp[c-801];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 811:{fn[a]=np[c-801];

co[a]=c;

tp[a]=pp[c-801];

tn[a]=n;

tg[a]=gp[c-801];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

default:System.out.println("Invalid code choice");

}//end of switch

System.out.println("Press Y to continue");

System.out.println("Press N to exit");

System.out.println("Enter your choice");

c=sc.next().charAt(0);

if (c=='N')

break;

}//end of while

System.out.println("Product code"+" "+"\*\*\*\*\*Name\*\*\*\*\*"+" "+"\*\*\*\*\*Price\*\*\*\*\*"+" "+"\*\*\*\*\*GST rate\*\*\*\*\*"+" "+"\*\*\*\*\*Total Amount\*\*\*\*\*");

for(i=0;i<a;i++)

{

tt=tt+amt[i];

System.out.println(co[i]+" "+fn[i]+" "+tp[i]+" "+tg[i]+" "+amt[i]);

}//end of for

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Total bill in the store = "+tt+"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

a=0;

}//end of function Home Goods

public void ELECTRONICS(){

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME TO THE ELECTRONICS STORE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

int code[]=new int[10];

for(i=901;i<911;i++){

code[i-901]=i;

}

String np[]={"Computers ","Laptops ","Fridge ","Washing Machine","Microwave ","Mixer Grinder ","Television Sets","Home Theatre ","Mobile Phones ","Dishwasher "};

int pp[]={25000,30000,80000,30000,20000,3500,60000,10000,1000,50000};

double gp[]={5.2,5.45,5.5,5.1,3.3,5.5,5.23,5.5,0.5,4.54,5.5};

while(true)

{

System.out.println("Code No."+" "+"Product Name"+" "+"Price"+" "+"GST rate");

for (i=0;i<10;i++)

System.out.println(code[i]+" "+np[i]+" "+pp[i]+" "+gp[i]);

System.out.println("Enter product's code number");

c=sc.nextInt();

System.out.println("Enter quantity of the product");

n=sc.nextInt();

switch(c){

case 901:{fn[a]=np[c-901];

co[a]=c;

tp[a]=pp[c-901];

tn[a]=n;

tg[a]=gp[c-901];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 902:{fn[a]=np[c-901];

co[a]=c;

tp[a]=pp[c-901];

tn[a]=n;

tg[a]=gp[c-901];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 903:{fn[a]=np[c-901];

co[a]=c;

tp[a]=pp[c-901];

tn[a]=n;

tg[a]=gp[c-901];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 904:{fn[a]=np[c-901];

co[a]=c;

tp[a]=pp[c-901];

tn[a]=n;

tg[a]=gp[c-901];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 905:{fn[a]=np[c-901];

co[a]=c;

tp[a]=pp[c-901];

tn[a]=n;

tg[a]=gp[c-901];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 906:{fn[a]=np[c-901];

co[a]=c;

tp[a]=pp[c-901];

tn[a]=n;

tg[a]=gp[c-901];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 907:{fn[a]=np[c-901];

co[a]=c;

tp[a]=pp[c-901];

tn[a]=n;

tg[a]=gp[c-901];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 908:{fn[a]=np[c-901];

co[a]=c;

tp[a]=pp[c-901];

tn[a]=n;

tg[a]=gp[c-901];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 909:{fn[a]=np[c-901];

co[a]=c;

tp[a]=pp[c-901];

tn[a]=n;

tg[a]=gp[c-901];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 910:{fn[a]=np[c-901];

co[a]=c;

tp[a]=pp[c-901];

tn[a]=n;

tg[a]=gp[c-901];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 911:{fn[a]=np[c-901];

co[a]=c;

tp[a]=pp[c-901];

tn[a]=n;

tg[a]=gp[c-901];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

default:System.out.println("Invalid code choice");

}//end of switch

System.out.println("Press Y to continue");

System.out.println("Press N to exit");

System.out.println("Enter your choice");

c=sc.next().charAt(0);

if (c=='N')

break;

}//end of while

System.out.println("Product code"+" "+"\*\*\*\*\*Name\*\*\*\*\*"+" "+"\*\*\*\*\*Price\*\*\*\*\*"+" "+"\*\*\*\*\*GST rate\*\*\*\*\*"+" "+"\*\*\*\*\*Total Amount\*\*\*\*\*");

for(i=0;i<a;i++)

{

tt=tt+amt[i];

System.out.println(co[i]+" "+fn[i]+" "+tp[i]+" "+tg[i]+" "+amt[i]);

}//end of for

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Total bill in the store = "+tt+"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

a=0;

}//end of function electronics

public void FURNITURE(){

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME TO THE FURNITURE STORE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

int code[]=new int[10];

for(i=1001;i<1011;i++){

code[i-1001]=i;

}

String np[]={"Beds ","Sofa Sets ","Dressing Mirror","Wardrobes ","Drawers ","Table ","Chairs ","Shelves ","Study Desk ","Cupboard "};

int pp[]={35000,130000,35000,20000,10000,15000,10000,10000,15000,30000};

double gp[]={5.2,6.45,4.5,4.1,4.3,3.5,3.23,2.1,2.5,4.54,5.5};

while(true)

{

System.out.println("Code No."+" "+"Product Name"+" "+"Price"+" "+"GST rate");

for (i=0;i<10;i++)

System.out.println(code[i]+" "+np[i]+" "+pp[i]+" "+gp[i]);

System.out.println("Enter product's code number");

c=sc.nextInt();

System.out.println("Enter quantity of the product");

n=sc.nextInt();

switch(c){

case 1001:{fn[a]=np[c-1001];

co[a]=c;

tp[a]=pp[c-1001];

tn[a]=n;

tg[a]=gp[c-1001];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 1002:{fn[a]=np[c-1001];

co[a]=c;

tp[a]=pp[c-1001];

tn[a]=n;

tg[a]=gp[c-1001];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 1003:{fn[a]=np[c-1001];

co[a]=c;

tp[a]=pp[c-1001];

tn[a]=n;

tg[a]=gp[c-1001];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 1004:{fn[a]=np[c-1001];

co[a]=c;

tp[a]=pp[c-1001];

tn[a]=n;

tg[a]=gp[c-1001];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 1005:{fn[a]=np[c-1001];

co[a]=c;

tp[a]=pp[c-1001];

tn[a]=n;

tg[a]=gp[c-1001];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 1006:{fn[a]=np[c-1001];

co[a]=c;

tp[a]=pp[c-1001];

tn[a]=n;

tg[a]=gp[c-1001];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 1007:{fn[a]=np[c-1001];

co[a]=c;

tp[a]=pp[c-1001];

tn[a]=n;

tg[a]=gp[c-1001];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 1008:{fn[a]=np[c-1001];

co[a]=c;

tp[a]=pp[c-1001];

tn[a]=n;

tg[a]=gp[c-1001];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 1009:{fn[a]=np[c-1001];

co[a]=c;

tp[a]=pp[c-1001];

tn[a]=n;

tg[a]=gp[c-1001];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 1010:{fn[a]=np[c-1001];

co[a]=c;

tp[a]=pp[c-1001];

tn[a]=n;

tg[a]=gp[c-1001];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

case 1011:{fn[a]=np[c-1001];

co[a]=c;

tp[a]=pp[c-1001];

tn[a]=n;

tg[a]=gp[c-1001];

z=tn[a]\*tp[a];

amt[a]=z+tg[a]/100.0\*z;

a++;

break;

}

default:System.out.println("Invalid code choice");

}//end of switch

System.out.println("Press Y to continue");

System.out.println("Press N to exit");

System.out.println("Enter your choice");

c=sc.next().charAt(0);

if (c=='N')

break;

}//end of while

System.out.println("Product code"+" "+"\*\*\*\*\*Name\*\*\*\*\*"+" "+"\*\*\*\*\*Price\*\*\*\*\*"+" "+"\*\*\*\*\*GST rate\*\*\*\*\*"+" "+"\*\*\*\*\*Total Amount\*\*\*\*\*");

for(i=0;i<a;i++)

{

tt=tt+amt[i];

System.out.println(co[i]+" "+fn[i]+" "+tp[i]+" "+tg[i]+" "+amt[i]);

}//end of for

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Total bill in the store = "+tt+"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

a=0;

}//end of function Furniture

public static void main(){

Scanner sc=new Scanner(System.in);

BILLING\_OF\_A\_SHOPPING\_MALL B1=new BILLING\_OF\_A\_SHOPPING\_MALL();

int x,i;

int c;

do

{System.out.println("Press 1 for Grocery Store");

System.out.println("Press 2 for Beverage Store");

System.out.println("Press 3 for Fast Food Store");

System.out.println("Press 4 for Women's Clothing Store");

System.out.println("Press 5 for Men's Clothing Store");

System.out.println("Press 6 for Kid's Clothing Store");

System.out.println("Press 7 for Resturant");

System.out.println("Press 8 for Home Goods Store");

System.out.println("Press 9 for Electronics Store");

System.out.println("Press 10 for Furniture Store");

System.out.println("Enter Your Choice");

c=sc.nextInt();

switch(c){//beginning of switch

case 1:

B1.GROCERY();

break;//end of case 1

case 2:

B1.BEVERAGE();

break;//end of case 2

case 3:

B1.FAST\_FOOD();

break;//end of case 3

case 4:

B1.WOMEN\_CLOTHING();

break;//end of case 4

case 5:

B1.MEN\_CLOTHING();

break;//end of case 5

case 6:

B1.KID\_STORE();

break;//end of case 6

case 7:

B1.RESTURANT();

break;//end of case 7

case 8:

B1.HOME\_GOODS();

break;//end of case 8

case 9:

B1.ELECTRONICS();

break;//end of case 9

case 10:

B1.FURNITURE();

break;//end of case 10

default:System.out.println("Invalid Store Number");

}//end of switch

System.out.println("Do you want to continue shopping");

System.out.println("Press Y for Yes");

System.out.println("Press N for No");

System.out.println("Enter your choice");

x=sc.next().charAt(0);

}while(x=='Y');

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Thankyou For Shopping\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Please Visit Again\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

}}