

## 210646-Maria Altaf

Lab project:

```
#include <iostream>
```

```
#include <string>
```

```
#include<conio.h>
```

```
using namespace std;
```

```
class customer
```

```
{
```

```
private:
```

```
    string name;
```

```
    string cont_num;
```

```
    string email;
```

```
    string address;
```

```
public:
```

```
    customer(){};
```

```
    void setdata()
```

```
{
```

```
cout<<"\n\t\t<#-----#>"<<endl;
```

```
cout << "\n\t\t\t---Faile The Form---" << endl
```

```
<< endl;
```

```
cout<<"\t\t\t---For Delivery Details---"<<endl;
```

```
cout << "\n\t\t\tEnter Your Name : ";
```

```
cin >> name;
```

```
cout << endl;
```

```
cout << "\t\t\tEnter The Contact Number : ";
```

```
cin >> cont_num;
```

```
cout << endl;
```

```
cout << "\t\t\tEnter The Email : ";
```

```
cin >> email;
```

```
cout << endl;
```

```
cout << "\t\t\tEnter Your Address : ";
```

```
cin >> address;
```

```
cout << endl;
```

```
}
```

```
void displaydata()
```

```
{
```

[illegible]

```
cout<<"\n\t\t\tMaria Altaf---Mudassar Ali---Hifza Malik"<<endl;
```

```
cout<<"\t\t\t\t---Shopping Center---"<<endl;
```

[illegible]

```
cout<<"\n\t\t\t\t----- Delivery Details -----"<<endl;
```

```
cout << "\n\t\t\tName : " << name;
```

```
cout << endl;
```

```
cout << "\n\t\tContact Number : " << cont_num;
```

```
cout << endl;
```

```
cout << "\n\t\tEmail : " << email;
```

```
cout << endl;
```

```
cout << "\n\t\t\tAddress : " << address;
```

```
cout << endl;
```

}

$$\};$$

class Iteam

 $\{$

public:

double sum;

int a, b, c, d, e, f, g, h, i, j;

int k, l, m, n, o, p, q, r, s, t;

string \*arr = new string [100];

int count = 0;

float discount;

double gst;

int delivery;

lteam(){};

void displayitems()

{

for (int i = 0; i < count; i++)

{

cout << arr[i] << endl;

}

}

double getsum()

{

cout << "\n\t\t\t\t-----YOUR BILL IS-----" << endl;

discount=sum\*10/100;

```

        cout<<"\n\t\t\t10% Discount : "<<discount<<endl;
        sum=sum-discount;
        gst=5*sum/100;
        cout<<"\n\t\t\tGST TEXT 5% : "<<gst<<endl;
        delivery=200;
        cout<<"\n\t\t\tDelivery charges : "<<delivery<<endl;
        sum=sum+gst+200;

    return sum;
}

void showMenu()
{
    cout<<"\n\t\t\t#-----
#>"<<endl;

    cout << "\n\t\t\t>>>>WELLCOME TO ONLINE SHOPPING
WEBSITE<<<<" << endl;

    cout<<"\n\t\t\t#-----#>"<<
endl;

    cout << "\n\t\t\t\tWe have The Following Items" <<endl;

    cout<<"\n\t\t\t#-----
#>"<<endl<<endl;

    cout << "\t\t\t\t/ ---> 1 FOR --> Mobiles "<<" <---\t\\"<<endl;
    cout << "\t\t\t\t\t ---> 2 FOR --> Laptops "<<" <---\t/"<<endl;
    cout << "\t\t\t\t\t ---> 3 FOR --> Watches "<<" <---\t\\"<<endl;
    cout << "\t\t\t\t\t ---> 4 FOR --> Clothes "<<" <---\t/"<<endl;

```

```

        cout << "\t\t\t\t/ ---> 5 FOR --> Shoes " << "    <---\t\\" << endl;
        cout << "\t\t\t\t\t\ ---> 6 FOR --> Makeup " << "    <---\t/" << endl;
        cout << "\t\t\t\t\t/ ---> 7 FOR --> Books " << "    <---\t\\" << endl;
        cout << "\t\t\t\t\t\t\ ---> 8 FOR --> Air Conditioner " << " <---\t/" << endl;
        cout << "\t\t\t\t\t/ ---> 9 FOR --> stationery " << " <---\t\\" << endl;
        cout << "\t\t\t\t\t\t\ ---> 10 FOR --> headphone " << " <---\t/" << endl;

        cout << "\n\t\t\t\t<#-----"
#>" << endl << endl << endl;

    }

    void MobileInfo()

    {

        cout << "\n\t\t\t\t<#*****#>" << endl;

        cout << "\n\t\t\t\t\tWe have the following Mobiles" << endl;

        cout << "\n\t\t\t\t<#*****#>" << endl;

        cout << endl;

        cout << "\t\t\t\t\t---> 1 for Apple " << "\t<---" << endl;
        cout << "\t\t\t\t\t---> 2 For Samsung " << "\t<---" << endl;
        cout << "\t\t\t\t\t---> 3 For Redmi " << "\t<---" << endl;
        cout << "\t\t\t\t\t---> 4 For Tecno " << "\t<---" << endl;
        cout << "\t\t\t\t\t---> 5 For Infinix " << "\t<---" << endl;

        cout << endl;

        cout << "\t#-----#" << endl;

```

```

cout << "\n\tSelect Your choice = ";
cin >> a;
cout << endl;
cout << "\t#-----#" << endl;
switch (a)
{
case 1:
    k = 120000;
    p = 100000;
    cout << "\t\t\t#-----#" << endl;
    cout << "\t\t\t>>>>Apple Moboiles<<<< " << endl;
    cout << "\t\t\t#-----#" << endl << endl;
    cout << "\t\t\t---> 1 For 11 pro max " << endl;
    cout << "\t\t\t\tPrice is : " << k;
    cout << endl << endl;

    cout << "\t\t\t---> 2 For Xs max " << endl;
    cout << "\t\t\t\tPrice is : " << p;
    cout << endl << endl;

    cout << "\t#-----#" << endl;
    cout << "\n\tSelect Your choice = ";
    cin >> b;
    cout << "\t#-----#" << endl;

```

```

if(b==1)
{
    cout << "\n\t\t-----You Bought----- : " << endl;
    cout << "\n\t\t\t 11 pro max " << endl;
    cout<<" \t\t\t Price is : " <<k<<endl;
    cout<<endl;
    sum += k;
    arr[count] = "\t\t11 pro max";
    count++;

}

else if(b==2)
{
    cout << "\n\t\t\t----You Bought---- : " << endl;

    cout << " \n\t\t\tXs max " << endl;
    cout<<"\t\t\t Price is : " <<k;
    cout << endl;
    cout<<endl;
    sum += p;
    arr[count] = "\t\tXs max";
    count++;

}

```



```

else
{
    cout<<"\t\tout of stock"<<endl;
    cout<<endl;
}

```

```

break;

```

case 2:

```

l = 75000;
q = 57000;
cout << "\t\t>>>Samsung Mobile<<<<" << endl;
cout << "\t\t---> 1 FOR--Samsung A71"<<endl;
cout<<"\t\t\tprice is : " << l;
cout << endl;
cout<<"\t\t---> 2 FOR Samsung A23 : "<<endl;
cout<<"\t\t\tprice is : " <<q;
cout << endl;
cout << endl;
cout<<"\t#-----#"<<endl;
cout <<"\n\tSelect Your choice = ";
cin>>c;
cout<<"\t#-----#"<<endl;
if(c==1)

```

```

{
    cout << "\n\t\t\t----You Bought---- : " << endl;
    cout << "\t\t\t--Samsung A71--"<<endl;
    cout<<"\t\t\tprice is : " << l;
    cout<<endl;
    cout<<endl;
    sum += l;
    arr[count] = "\t\tSamsung A71";
    count++;
}
else if(c==2)
{
    cout << "\n\t\t\t----You Bought---- : " << endl;
    cout<<"\t\t\t--Samsung A23-- : "<<endl;
    cout<<"\t\t\tprice is : " <<q;
    cout<<endl;
    cout<<endl;
    sum += q;
    arr[count] = "\t\tSamsung A23";
    count++;
}
else
{
    cout<<"\t\t\tout of stock"<<endl;

```

```
        cout<<endl;
    }
```

```
break;
```

case 3:

```
m = 55000;
r = 35000;
cout << "\n\t\t\t>>>>Redmi Mobile<<<<" << endl;
cout << "\n\t\t\t---> 1 FOR--Redmi Note 11 pro"<<endl;
cout<<" \t\t\tprice is : " << m<<endl;
cout << endl;
cout<<"\t\t\t---> 2 FOR--Redmi 10-C"<<endl;
cout<<" \t\t\tprice is : " << r<<endl<<endl;
cout << endl;
cout << endl;
cout<<"\t#-----#"<<endl;
cout << "\n\tSelect Your choice = ";
cin>>d;
cout<<"\t#-----#"<<endl;
if(d==1)
{
    cout << "\n\t\t\t\t-----You Bought----- : " << endl;
    cout << "\n\t\t\t\t --Redmi Note 11 pro--"<<endl;
```

```

        cout<<" \t\t\tprice is : " << m<<endl<<endl;
        sum += m;
        arr[count] = "\t\tRedmi Note 11 pro";
        count++;
    }
    else if(d==2)
    {
        cout << "\n\t\t\t-----You Bought----- : " << endl;
        cout<<"\n\t\t\t --Redmi 10-C--"<<endl;
        cout<<" \t\t\tprice is : " << r<<endl<<endl;
        sum += r;
        arr[count] = "\t\tRedmi 10-C";
        count++;
    }
    else
    {
        cout<<"\t\tout of stock"<<endl;
    }

    break;

```

case 4:

```

n = 40000;
s = 38500;

```

```

cout << "\n\t\t>>>>>Tecno Mobile<<<<<" << endl;
cout << "\t\t---> 2 FOR--Tecno spark 6 go " << endl;
cout<<"\t\t\tprice is : " << n;
cout << endl;
cout<<"\t\t---> 2 FOR--Tecno Coman 19 " << endl;
cout<<"\t\t\t price is : " << s << endl << endl;
cout<<"\t#-----#" << endl;
cout << "\n\tSelect Your choice = ";
cin>>e;
cout<<"\t#-----#" << endl;
if(e==1)
{
    cout << "\n\t\t\t\t----You Bought---- : " << endl;
    cout << "\t\t\t--Tecno spark 6 go-- " << endl;
    cout<<"\t\t\t\tprice is : " << n;
    cout<<endl;
    cout<<endl;
    sum += n;
    arr[count] = "\t\tTecno spark 6 go";
    count++;
}
else if(e==2)
{
    cout << "\n\t\t\t\t----You Bought---- : " << endl;

```

```

        cout<<"\t\t--Tecno Coman 19--"<<endl;
        cout<<"\t\t\t price is : "<<s<<endl<<endl;
        sum += s;
        arr[count] = "\t\tTecno Coman 19";
        count++;
    }
    else
    {
        cout<<"\t\tout of stock"<<endl;
    }

    break;

```

case 5:

```

    o = 30000;
    t = 47000;
    cout << "\t\t>>>>Infinix Mobile<<<<" << endl;
    cout << "\t\t---> 1 For--Infinix Note 12"<<endl;
    cout<<"\t\t\t price is : " << o;
    cout << endl;
    cout<<"\t\t---> 2 FOR--Infinix Note-12 pro"<<endl;
    cout<<"\t\t\tprice is : "<<t<<endl<<endl;
    cout<<"\t#-----#"<<endl;
    cout << "\n\tSelect Your choice = ";

```

```

cin>>f;
cout<<"\t#-----#"<<endl;
if(f==1)
{
    cout << "\n\t\t\t----You Bought---- : " << endl;
    cout << "\t\t\t--Infinix Note 12--"<<endl;
    cout<<"\t\t\t price is : " << o;
    cout << endl;
    cout<<endl;
    sum += o;
    arr[count] = "\t\t\tInfinix Note 12";
    count++;
}
else if(f==2)
{
    cout << "\n\t\t\t----You Bought---- : " << endl;
    cout<<"\t\t\t--Infinix Note-12 pro--"<<endl;
    cout<<"\t\t\tprice is : "<<t<<endl<<endl;
    sum += t;
    arr[count] = "\t\t\tInfinix Note 12 pro";
    count++;
}
else
{

```

```

        cout<<"\t\tout of stock"<<endl;
    }

    break;

default:

    void showMenu();

    cout << endl;
}
}

void laptopInfo()
{

cout<<"\n\t\t\t<#*****#>"<<endl;

    cout << "\n\t\t\t\tWe have the following Laptops" << endl;

cout<<"\n\t\t\t<#*****#>"<<endl;

    cout << endl;

    cout << "\t\t\t\t---> 1 For MacBook " << endl;

    cout << "\t\t\t\t---> 2 For HP " << endl;

    cout << "\t\t\t\t---> 3 for Dell " << endl;

    cout << "\t\t\t\t---> 4 for Lenovo " << endl;

    cout << endl;

    cout<<"\t#-----#"<<endl;

```



```

cout << "\n\tSelect Your choice = ";
cin>>b;
cout<< "\t#-----#" << endl<< endl;

switch (b)
{
case 1:

    k = 180000;
    l = 130000;
    cout<< "\n\tIn Macbook Laptops we have" << endl;
    cout << "\n---> 1 FOR Macbook Pro " << endl;
        cout<< "\t\t price is : " << o;
    cout << endl;
    cout<< "----> 2 FOR Macbook Air" << endl;
        cout<< "\t\t price is : " << o;
    cout<< "\n\t#-----#" << endl;
    cout << "\n\tSelect Your choice = ";
    cin>>c;
    cout<< "\t#-----#" << endl;
    if(c==1)
    {
        cout << "\n\t\t\t-----You Bought----- : " << endl;
        cout << "\n\t\t\t\t-- FOR Macbook Pro --" << endl;
    }
}

```

```

        cout << endl;
        cout<<"\t\t\t price is : " <<k<<endl;
        cout<<endl;
        sum += k;
        arr[count] = "\t\tMacbook Pro";
        count++;
    }
    else if(c==2)
    {
        cout << "\n\t\t\t-----You Bought----- : " << endl;
        cout<<"\t\t\t- Macbook Air --"<<endl;
        cout<<"\t\t\t price is : " <<l<<endl;
        cout<<endl;
        sum += l;
        arr[count] = "\t\tMacbook Air";
        count++;
    }
    else
    {
        cout<<"out of stock"<<endl;
        cout<<endl;
    }

    break;

```

case 2:

```
m = 70000;
n = 60000;

cout<<"\n\tIn HP Laptops we have"<<endl;
cout << "----> 1 FOR--HP Elitebook " << endl;
cout<<"\t\t price is : " <<m<<endl;
cout << endl;

cout << "----> 2 FOR--HP Parlion " << endl;
cout<<"\t\t price is : " <<n<<endl;
cout << endl;
cout<<"\t#-----#"<<endl;
cout <<"\n\tSelect Your choice = ";
cin>>d;
cout<<"\t#-----#"<<endl;
if(d==1)
{
    cout << "\n\t\t\t-----You Bought----- : " << endl;
    cout << "\t\t\t--HP Elitebook-- " << endl;
    cout<<"\t\t\t price is : " <<m<<endl;
    cout << endl;
    sum += m;
```

```

        arr[count] = "\t\tHP Elitebook";
        count++;
    }
    else if(d==2)
    {
        cout << "\n\t\t\t-----You Bought----- : " << endl;
        cout << "\t\t\t--HP Parlion-- " << endl;
        cout<<"\t\t\t price is : " <<n<<endl;
        cout << endl;
        sum += n;
        arr[count] = "\t\tHP Parlion";
        count++;
    }
    else
    {
        cout<<"out of stock"<<endl;
    }
}

```

```

break;

```

case 3:

```

o = 55000;

```

```

p = 47000;

```

```

cout<<"\n\tIn Dell Laptops we have"<<endl;
cout << " ---> 1 FOR--Dell-Inspiron " << endl;
cout<<"\t\t price is : " <<o<<endl;
cout << endl;
cout<<"---> 2 FOR--Dell-Alienware "<<endl;
cout<<"\t\t price is : " <<p<<endl;
cout << endl;
cout<<"\t#-----#"<<endl;
cout <<"\n\tSelect Your choice = ";
cin>>e;
cout<<"\t#-----#"<<endl;
if(e==1)
{
    cout << "\n\t\t\t-----You Bought----- : " << endl;
    cout << "\t\t\t --Dell-Inspiron-- " << endl;
    cout<<"\t\t\t price is : " <<o<<endl;
    cout<<endl;
    sum += o;
    arr[count] = "\t\tDell-Inspiron";
    count++;
}
else if(e==2)
{

```

```

        cout << "\n\t\t\t-----You Bought----- : " << endl;
        cout<<"\t\t\t--Dell-Alienware-- " <<endl;
        cout<<"\t\t\t price is : " <<p<<endl;
        cout << endl;

        sum += p;
        arr[count] = "\t\tDell-Alienware";
        count++;
    }
    else
    {
        cout<<"out of stock" <<endl;
        cout<<endl;
    }

    break;

```

case 4:

```

q = 200000;
r = 100000;

cout<<"\n\tIn Lenove Laptops we have" <<endl;
cout << " \n\t---> 1 For--lenove thinkpad " << endl;
cout<<"\t\t price is : " <<q<<endl;
cout << endl;

```

```

cout<<"\t---> 2 For--Lenove yoga "<<endl;
cout<<"\t\t price is : " <<r<<endl;
cout << endl;
cout<<"\t#-----#"<<endl;
cout <<"\n\tSelect Your choice = ";
cin>>f;
cout<<"\t#-----#"<<endl;
if(f==1)
{
    cout << "\n\t\t\t-----You Bought----- : " << endl;
    cout << " \n\t\t\t--lenove thinkpad " << endl;
    cout<<"\t\t\t price is : " <<q<<endl;
    cout << endl;
    sum += q;
    arr[count] = "lenove thinkpad";
    count++;
}
else if(f==2)
{
    cout << "\n\t\t\t-----You Bought----- : " << endl;
    cout<<"\t\t\t--Lenove yoga "<<endl;
    cout<<"\t\t\t price is : " <<r<<endl;
    cout << endl;
    sum += r;

```

```

        arr[count] = "\t\tLenove yoga";
        count++;
    }
    else
    {
        cout<<"out of stock"<<endl;
        cout<<endl;
    }

    break;

default:
    cout << "-----ERROR-----";
    cout << endl;
}
}

void watchesInfo()
{

cout<<"\n\t\t\t<#*****#>"<<endl;
    cout << "\n\t\t\t\tWe have the following watches" << endl;

cout<<"\n\t\t\t<#*****#>"<<endl;
    cout << endl;

```



```

cout << "\t\t\t\t---> 1 For Automatic Watches" << endl;
cout << "\t\t\t\t\t---> 2 For Quartz Watches" << endl;
cout << "\t\t\t\t\t---> 3 For Solar Watches" << endl;
cout << "\t\t\t\t\t---> 4 For Analogue Watches" << endl;
cout << "\t\t\t\t\t---> 5 For Digital Watches" << endl;
cout << endl;
cout<<"\t#-----#"<<endl;
cout << "\n\tSelect Your choice = ";
cin>>c;
cout<<"\t#-----#"<<endl<<endl;

```

```

switch (c)

```

```

{

```

```

case 1:

```

```

    k = 50000;

```

```

    cout << "\n\t\t\t\t-----You Bought----- : " << endl;

```

```

    cout << " \t\t\tAutomatic Watches " << endl;

```

```

    cout<<"\t\t\t price is : " <<k<<endl;

```

```

    cout << endl;

```

```

    sum += k;

```

```

    arr[count] = "\t\tAutomatic Watches";

```

```

    count++;

```

```

    break;

```

case 2:

```
l = 40000;
cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\tQuartz Watches " << endl;
cout<<"\t\t\t price is : " <<l<<endl;
cout << endl;
sum += l;
arr[count] = "\t\tQuartz Watches";
count++;

break;
```

case 3:

```
m = 30000;
cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\tSolar Watches " << endl;
cout<<"\t\t\t price is : " <<m<<endl;
cout << endl;
sum += m;
arr[count] = "\t\tSolar Watches";
count++;

break;
```

case 4:

```
n = 20000;
cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\tAnalogue Watches " << endl;
cout<<"\t\t\t price is : " <<n<<endl;
cout<<endl;
sum += n;
arr[count] = "\t\t\tAnalogue Watches";
count++;
break;
```

case 5:

```
o = 10000;
cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\tDigital Watches " << endl;
cout<<"\t\t\t price is : " <<o<<endl;
cout << endl;
sum += o;
arr[count] = "\t\t\tDigital Watches";
count++;
break;
```

default:

```
cout << "-----ERROR-----";
```

```

        cout << endl;

        cout<<endl;

    }

}

void ClothesInfo()

{

cout<<"\n\t\t\t<#*****#>"<<endl;

    cout << "\n\t\t\t\tWe have the following Clothes" << endl;


cout<<"\n\t\t\t<#*****#>"<<endl;

    cout << endl;

    cout << "\t\t\t\t--->1 For Jackets and coats" << endl;

    cout << "\t\t\t\t--->2 For Trousers and shorts" << endl;

    cout << "\t\t\t\t--->3 For Underwear" << endl;

    cout << "\t\t\t\t--->4 For Suits" << endl;

    cout << "\t\t\t\t--->5 For Skirts and dresses" << endl;

    cout << endl;

    cout<<"\t#-----#"<<endl;

    cout << "\n\tSelect Your choice = ";

    cin>>d;

    cout<<"\t#-----#"<<endl<<endl;


    switch (d)

```

```
{
```

```
case 1:
```

```
    k = 5000;
```

```
    cout << "\n\t\t\t-----You Bought----- : " << endl;
```

```
    cout << " \t\t\tJackets and coats " << endl;
```

```
    cout<<"\t\t\t price is : " <<k<<endl;
```

```
    cout << endl;
```

```
    sum += k;
```

```
    arr[count] = "\t\tJackets and coats";
```

```
    count++;
```

```
    break;
```

```
case 2:
```

```
    l = 4000;
```

```
    cout << "\n\t\t\t-----You Bought----- : " << endl;
```

```
    cout << " \t\t\tTrousers and shorts " << endl;
```

```
    cout<<"\t\t\t price is : " <<l<<endl;
```

```
    cout << endl;
```

```
    sum += l;
```

```
    arr[count] = "\t\tTrousers and shorts";
```

```
    count++;
```

```
    break;
```

case 3:

```
m = 1000;
cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\t Underwear " << endl;
cout<<"\t\t\t price is : " <<m<<endl;
cout << endl;
sum += m;
arr[count] = "\t\tUnderwear";
count++;

break;
```

case 4:

```
n = 3000;
cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\tSuits " << endl;
cout<<"\t\t\t price is : " <<n<<endl;
cout << endl;
sum += n;
arr[count] = "\t\tSuits";
count++;

break;
```

case 5:

```
k = 6000;
cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\tSkirts and dresses " << endl;
cout<<"\t\t\t price is : " <<k<<endl;
sum += k;
arr[count] = "\t\t\tSkirts and dresses";
count++;
break;
```

default:

```
cout << "-----ERROR-----";
cout << endl;
}
}
```

void ShoesInfo()

```
{
cout<<"\n\t\t\t<#*****#>"<<endl;
cout << "\n\t\t\t\tWe have the following Shoes" << endl;

cout<<"\n\t\t\t<#*****#>"<<endl;
cout << endl;
cout << "\t\t\t\t--->1 For Army shoes" << endl;
```

```

cout << "\t\t\t\t--->2 For Athletic Shoes" << endl;
cout << "\t\t\t\t--->3 For Ballet Shoes" << endl;
cout << "\t\t\t\t--->4 For Beach Shoes" << endl;
cout << "\t\t\t\t--->5 For Boat Shoes" << endl;
cout << endl;
cout<<"\t#-----#"<<endl;
cout << "\n\tSelect Your choice = ";
cin>>e;
cout<<"\t#-----#"<<endl<<endl;

```

```

switch (e)

```

```

{

```

```

case 1:

```

```

    k = 10000;
    cout << "\n\t\t\t-----You Bought----- : " << endl;
    cout << " \t\t\tArmy shoes " << endl;
    cout<<"\t\t\t price is : " <<k<<endl;
    cout << endl;
    sum += k;
    arr[count] = "\t\tArmy shoes";
    count++;
    break;

```

```

case 2:

```



```

l = 8000;
cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\tAthletic Shoes " << endl;
cout<<"\t\t\t price is : " <<l<<endl;
cout << endl;
sum += l;
arr[count] = "\t\tAthletic Shoes";
count++;

break;

```

case 3:

```

m = 5000;
cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\tBallet Shoes " << endl;
cout<<"\t\t\t price is : " <<m<<endl;
cout << endl;
sum += m;
arr[count] = "\t\tBallet Shoes";
count++;

break;

```

case 4:

```

n = 4000;

cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\tBeach Shoes " << endl;
cout<<"\t\t\t price is : " <<n<<endl;
cout << endl;

sum += n;

arr[count] = "\t\tBeach Shoes";

count++;


break;

```

case 5:

```

o = 3000;

cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << "\t\t\t Boat Shoes " << endl;
cout<<"\t\t\t price is : " <<o<<endl;
cout << endl;

sum += o;

arr[count] = "\t\tBoat Shoes";

count++;


break;

```

default:

```

        cout << "-----ERROR-----";

        cout << endl;

    }

}

void MakeupInfo()

{

    cout<<"\n\t\t\t<#*****#>"<<endl;

        cout << "\n\t\t\t\tWe have the following Makeup" << endl;

    cout<<"\n\t\t\t<#*****#>"<<endl;

        cout << endl;

        cout << "\t\t\t\t--->1 For Face Primer" << endl;

        cout << "\t\t\t\t--->2 For Color Correcting Concealer" << endl;

        cout << "\t\t\t\t--->3 For Face Concealer" << endl;

        cout << "\t\t\t\t--->4 For Under Eye Concealer" << endl;

        cout << "\t\t\t\t--->5 For Foundation" << endl;

        cout << endl;

        cout<<"\t#-----#"<<endl;

        cout <<"\n\tSelect Your choice = ";

        cin>>f;

        cout<<"\t#-----#"<<endl<<endl;

        switch (f)

        {

```

case 1:

```
k = 5000;

cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\tFace Primer " << endl;
cout<<"\t\t\t price is : " <<k<<endl;
cout << endl;

sum += k;

arr[count] = "\t\t\tFace Primer";

count++;


break;
```

case 2:

```
l = 4000;

cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\tColor Correcting Concealer " << endl;
cout<<"\t\t\t price is : " <<l<<endl;
cout << endl;

sum += l;

arr[count] = "\t\t\tColor Correcting Concealer";

count++;


break;
```

case 3:

```
m = 3000;
q = 1500;
cout << " \n\tIn Face Concealer We Have " << endl;
cout<<"--->1 For--Liquid Concealer "<<endl;
cout<<"\t\tprice is : "<<m<<endl;
cout << endl;
cout<<"--->2 For--Cream Concealer "<<endl;
cout<<"\t\tprice is : "<<q<<endl;
cout << endl;
cout<<"\n\t#-----#"<<endl;
cout <<"\n\tSelect Your choice = ";
cin>>a;
cout<<"\t#-----#"<<endl;
if(a==1)
{
    cout << "\n\t\t\t-----You Bought----- : " << endl;
    cout<<"\n\t\t\t--Liquid Concealer "<<endl;
    cout<<"\t\t\tprice is : "<<m<<endl;
    cout << endl;
    sum += m;
    arr[count] = "\t\tLiquid Concealer";
    count++;
}
```

```

else if(a==2)
{
    cout << "\n\t\t\t-----You Bought----- : " << endl;
    cout<<"\n\t\t\t--Cream Concealer-- " <<endl;
    cout<<"\t\t\tprice is : " <<q<<endl;
    cout<<endl;
    sum += q;
    arr[count] = "\t\tCream Concealer";
    count++;
}
else
{
    cout<<"out of stock"<<endl;
    cout<<endl;
}

break;

```

case 4:

```

n = 2000;
cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << "\t\t\t Under Eye Concealer " << endl;
cout<<"\t\t\t price is : " <<n<<endl;

```

```

cout << endl;

sum += n;

arr[count] = "\t\tUnder Eye Concealer";

count++;


break;

```

case 5:

```

o = 1200;

p = 2200;

cout << "\n\tIn Foundation We Have " << endl;

cout<<"--->1 FOR--Serum Foundation "<<endl;

cout<<"\t\tprice is : "<<o<<endl;

cout << endl;

cout<<"--->2 FOR--Powder Foundation "<<endl;

cout<<"\t\tprice is : "<<p<<endl;

cout << endl;


cout<<"\n\t#-----#"<<endl;

cout <<"\n\tSelect Your choice = ";

cin>>b;

cout<<"\t#-----#"<<endl;

if(b==1)

{

```

```

        cout << "\n\t\t\t-----You Bought----- : " << endl;
        cout<<"\n\t--Serum Foundation "<<endl;
        cout<<"\t\tprice is : "<<o<<endl;
        cout << endl;

        sum += o;

        arr[count] = "\t\tSerum Foundation";
count++;
}
else if(b==2)
{
        cout << "\n\t\t\t-----You Bought----- : " << endl;
        cout<<"\n\t--Powder Foundation-- "<<endl;
        cout<<"\t\tprice is : "<<p<<endl;
        cout<<endl;

        sum += p;

        arr[count] = "\t\tPowder Foundation";
        count++;
}
else
{
        cout<<"out of stock"<<endl;
}

```



```

        break;

    default:

        cout << "-----ERROR-----";

    }

}

void BooksInfo()

{

    cout<<"\n\t\t\t<#*****#>"<<endl;

    cout << "\n\t\t\t\tWe have the following Books" << endl;

    cout<<"\n\t\t\t<#*****#>"<<endl;

    cout << endl;

    cout << "\t\t\t\t--->1 For Adventure stories" << endl;

    cout << "\t\t\t\t--->2 For Classics" << endl;

    cout << "\t\t\t\t--->3 For Crime" << endl;

    cout << "\t\t\t\t--->4 For Fairy tales" << endl;

    cout << "\t\t\t\t--->5 For Fantasy" << endl;

    cout << endl;

    cout<<"\t#-----#"<<endl;

    cout << "\n\tSelect Your choice = ";

    cin>>g;

    cout<<"\t#-----#"<<endl<<endl;

```

```

switch (g)
{
case 1:
    k = 1000;
    cout << "\n\t\t\t-----You Bought----- : " << endl;
    cout << " \t\t\tAdventure stories " << endl;
    cout<<"\t\t\t price is : " <<k<<endl;
    cout << endl;
    sum += k;
    arr[count] = "\t\tAdventure stories";
    count++;

    break;

case 2:
    l = 800;
    cout << "\n\t\t\t-----You Bought----- : " << endl;
    cout << " \t\t\tClassics " << endl;
    cout<<"\t\t\t price is : " <<l<<endl;
    cout << endl;
    sum += l;
    arr[count] = "\t\tClassics";
    count++;

```

```
break;
```

case 3:

```
m = 500;
```

```
cout << "\n\t\t\t-----You Bought----- : " << endl;
```

```
cout << " \t\t\tCrime " << endl;
```

```
cout<<"\t\t price is : " <<m<<endl;
```

```
cout << endl;
```

```
sum += m;
```

```
arr[count] = "\t\tCrime";
```

```
count++;
```

```
break;
```

case 4:

```
n = 300;
```

```
cout << "\n\t\t\t-----You Bought----- : " << endl;
```

```
cout << " \t\t\tFairy tales " << endl;
```

```
cout<<"\t\t price is : " <<n<<endl;
```

```
cout << endl;
```

```
sum += n;
```

```
arr[count] = "\t\tFairy tales";
```

```
count++;
```

```
break;
```

```
case 5:
```

```
o = 200;
```

```
cout << "\n\t\t\t-----You Bought----- : " << endl;
```

```
cout << " \t\t\tFantasy " << endl;
```

```
cout<<"\t\t\t price is : " <<o<<endl;
```

```
cout << endl;
```

```
sum += o;
```

```
arr[count] = "\t\t\tFantasy";
```

```
count++;
```

```
break;
```

```
default:
```

```
cout << "-----ERROR-----";
```

```
cout << endl;
```

```
}
```

```
}
```

```
void AirConditioner()
```

```
{
```

```
cout<<"\n\t\t\t\t<#*****#>"<<endl;
```

```
cout << "\n\t\t\t\t\tWe have the following AirConditioner" << endl;
```

```

cout<<"\n\t\t\t<#*****#>"<<endl;

    cout << endl;

    cout << "\t\t\t\t--->1 For Central Air Conditioner" << endl;
    cout << "\t\t\t\t--->2 For Ductless Mini-Split" << endl;
    cout << "\t\t\t\t--->3 For Window Air Conditioner" << endl;
    cout << "\t\t\t\t--->4 For Portable Air Conditioner" << endl;
    cout << "\t\t\t\t--->5 For Floor Mounted Air Conditioner" << endl;
    cout << endl;

    cout<<"\t#-----#"<<endl;

    cout << "\n\tSelect Your choice = ";

    cin>>h;

    cout<<"\t#-----#"<<endl<<endl;


switch (h)
{
case 1:

    k = 150000;

    l = 100000;

    cout << "\n\tIn Central Air Conditioner we have :" << endl;
    cout<<"\n\t---> 1 FOR--Splite System "<<endl;
    cout<<"\t\t price is : " <<k<<endl;
    cout << endl;

    cout<<"\n\t---> 2 FOR--packaged unit "<<endl;
    cout<<"\t\t price is : " <<l<<endl;

```

```

cout << endl;
cout<<"\t#-----#"<<endl;
cout <<"\n\tSelect Your choice = ";
cin>>f;
cout<<"\t#-----#"<<endl;
if(f==1)
{
    cout << "\n\t\t\t-----You Bought----- : " << endl;
    cout << " \n\t--Splite System-- " << endl;
    cout<<"\t\t price is : " <<k<<endl;
    cout << endl;
    sum += k;
    arr[count] = "\t\tSplite System";
    count++;
}
else if(f==2)
{
    cout << "\n\t\t\t-----You Bought----- : " << endl;
    cout<<"\t--packaged unit-- "<<endl;
    cout<<"\t\t price is : " <<l<<endl;
    cout << endl;
    sum += l;
    arr[count] = "\t\tpackaged unit";
}
}

```

```
        count++;  
    }  
    else  
    {  
        cout<<"out of stock"<<endl;  
    }
```

```
    break;
```

case 2:

```
    l = 140000;  
    cout << "\n\t\t\t-----You Bought----- : " << endl;  
    cout << "\t\t\t Ductless Mini-Split " << endl;  
    cout<<" \t\t\t\tPrice is : "<<l<<endl;  
    cout << endl;  
    sum += l;  
    arr[count] = "\t\t\tDuctless Mini-Split";  
    count++;
```

```
    break;
```

case 3:

```
    m = 130000;
```

```

cout << "\n\t\t\t-----You Bought----- : " << endl;
cout << " \t\t\tWindow Air Conditioner " << endl;
cout<<"\t\t\tprice is : "<<m<<endl;
cout << endl;
sum += m;
arr[count] = "\t\tWindow Air Conditioner";
count++;

break;

```

case 4:

```

n = 120000;
o = 105000;
cout << " \n\tIn Portable Air Conditioner We Have " << endl;
cout<<"\n\t--->1 FOR--single-hose "<<endl;
cout<<"\t\tprice is : "<<n<<endl;
cout << endl;
cout<<"\t--->2 For--Dual-hose "<<endl;
cout<<"\t\tprice is : "<<o<<endl;
cout<<"\n\t#-----#"<<endl;
cout <<"\n\tSelect Your choice = ";
cin>>g;
cout<<"\t#-----#"<<endl;
if(g==1)

```



```

{
    cout << "\n\t\t\t-----You Bought----- : " << endl;
    cout<<"\n\t\t\t--single-hose-- "<<endl;
    cout<<"\t\t\tprice is : "<<n<<endl;
    cout << endl;
    sum += n;
    arr[count] = "\t\t\tingle-hose";
count++;
}
else if(g==2)
{
    cout << "\n\t\t\t\t-----You Bought----- : " << endl;
    cout<<"\t\t\t\tDual-hose-- "<<endl;
    cout<<"\t\t\t\tprice is : "<<o<<endl;
    cout<<endl;
    sum += o;
    arr[count] = "\t\t\tDual-hose";
    count++;
}
else
{
    cout<<"out of stock"<<endl;
}
}

```

```
break;
```

```
case 5:
```

```
o = 100000;
```

```
cout << "\n\t\t\t-----You Bought----- : " << endl;
```

```
cout << " \t\t\tFloor Mounted Air Conditioner " << endl;
```

```
cout<<" \t\t\t\tPrice is : "<<o<<endl;
```

```
cout << endl;
```

```
sum += o;
```

```
arr[count] = "\t\t\tFloor Mounted Air Conditioner";
```

```
count++;
```

```
break;
```

```
default:
```

```
cout << "-----ERROR-----";
```

```
cout << endl;
```

```
}
```

```
}
```

```
void stationery()
```

```
{
```

```
cout<<"\n\t\t\t\t<#*****#>"<<endl;
```

```
cout << "\n\t\t\t\tWe have the following stationery" << endl;
```

```

cout<<"\n\t\t\t<#*****#>"<<endl;

    cout << endl;

    cout << "\t\t\t\t--->1 For Notepads" << endl;
    cout << "\t\t\t\t--->2 For Planners" << endl;
    cout << "\t\t\t\t--->3 For Calendars" << endl;
    cout << "\t\t\t\t--->4 For Cards" << endl;
    cout << "\t\t\t\t--->5 For Sticky Notes" << endl;
    cout << endl;

    cout<<"\t#-----#"<<endl;

    cout << "\n\tSelect Your choice = ";

    cin>>i;

    cout<<"\t#-----#"<<endl<<endl;


switch (i)
{
case 1:

    k = 2000;

    cout << "\n\t\t\t\t-----You Bought----- : " << endl;
    cout << "\t\t\t\tFor Notepads" << endl;
    cout<<" \t\t\t\tPrice is : "<<k<<endl;
    cout << endl;

    sum += k;

    arr[count] = "\t\t\t\tFor Notepads";

    count++;

```

```
break;
```

case 2:

```
l = 1000;
```

```
cout << "\n\t\t\t-----You Bought----- : " << endl;
```

```
cout << " \t\t\tPlanners " << endl;
```

```
cout<<" \t\t\t\tPrice is : "<<l<<endl;
```

```
cout << endl;
```

```
sum += l;
```

```
arr[count] = "\t\tPlanners";
```

```
count++;
```

```
break;
```

case 3:

```
m = 700;
```

```
cout << "\n\t\t\t-----You Bought----- : " << endl;
```

```
cout << " \t\t\tCalendars " << endl;
```

```
cout<<" \t\t\t\tPrice is : "<<m<<endl;
```

```
cout << endl;
```

```
sum += m;
```

```
arr[count] = "\t\tCalendars";
```

```
count++;
```

```
break;
```

case 4:

```
n = 1500;
```

```
cout << "\n\t\t\t-----You Bought----- : " << endl;
```

```
cout << " \t\t\tCards " << endl;
```

```
cout<<" \t\t\tPrice is : "<<n<<endl;
```

```
cout << endl;
```

```
sum += n;
```

```
arr[count] = "\t\tCards";
```

```
count++;
```

```
break;
```

case 5:

```
o = 150;
```

```
cout << "\n\t\t\t-----You Bought----- : " << endl;
```

```
cout << " \t\t\tSticky Notes " << endl;
```

```
cout<<" \t\t\tPrice is : "<<o<<endl;
```

```
cout << endl;
```

```
sum += o;
```

```
arr[count] = "\t\tSticky Notes";
```

```
count++;
```

```
break;
```

```
default:
```

```
cout << "-----ERROR-----";
```

```
cout << endl;
```

```
}
```

```
}
```

```
void headphone()
```

```
{
```

```
cout<<"\n\t\t\t\t<#*****#>"<<endl;
```

```
cout << "\n\t\t\t\t\tWe have the following headphone" << endl;
```

```
cout<<"\n\t\t\t\t<#*****#>"<<endl;
```

```
cout << endl;
```

```
cout << "\t\t\t\t\t--->1 For Closed-Back Headphones" << endl;
```

```
cout << "\t\t\t\t\t--->2 For Open-Back Headphones" << endl;
```

```
cout << "\t\t\t\t\t--->3 For On-Ear Headphones" << endl;
```

```
cout << "\t\t\t\t\t--->4 For Over-Ear Headphones" << endl;
```

```
cout << "\t\t\t\t\t--->5 For In-Ear Headphones" << endl;
```

```
cout << endl;
```

```
cout<<"\t#-----#"<<endl;
```

```
cout << "\n\tSelect Your choice = ";  
cin >> j;  
cout << "\t#-----#" << endl << endl;
```

```
switch (j)
```

```
{
```

```
case 1:
```

```
    k = 20000;
```

```
    cout << "\n\t\t\t-----You Bought----- : " << endl;
```

```
    cout << "Closed-Back Headphones" << endl;
```

```
    cout << "\t\t\t\tPrice is : " << k << endl;
```

```
    cout << endl;
```

```
    sum += k;
```

```
    arr[count] = "\t\tClosed-Back Headphones";
```

```
    count++;
```

```
    break;
```

```
case 2:
```

```
    l = 10000;
```

```
    cout << "\n\t\t\t-----You Bought----- : " << endl;
```

```
    cout << "\t\t\tOpen-Back Headphones" << endl;
```

```
    cout << "\t\t\t\tPrice is : " << l << endl;
```

```
    cout << endl;
```

```
sum += l;  
arr[count] = "\\t\\tOpen-Back Headphones";  
count++;  
  
break;
```

case 3:

```
m = 5000;  
cout << "\\n\\t\\t\\t-----You Bought----- : " << endl;  
cout << "\\t\\tOn-Ear Headphones" << endl;  
cout<<" \\t\\t\\tPrice is : "<<m;  
cout << endl;  
sum += m;  
arr[count] = "\\t\\tFor On-Ear Headphones";  
count++;  
  
break;
```

case 4:

```
n = 4000;  
cout << "\\n\\t\\t\\t-----You Bought----- : " << endl;  
cout << "\\t\\t\\tOver-Ear Headphones" << endl;  
cout<<" \\t\\t\\tPrice is : "<<n;  
cout << endl;
```



```
sum += n;  
arr[count] = "\t\tOver-Ear Headphones";  
count++;
```

```
break;
```

case 5:

```
o = 3000;  
cout << "\n\t\t\t-----You Bought----- : " << endl;  
cout << "\t\t\tIn-Ear Headphones" << endl;  
cout << "\t\t\tPrice is : " << o;  
cout << endl;  
sum += o;  
arr[count] = "\t\tIn-Ear Headphones";  
count++;
```

```
break;
```

default:

```
cout << "-----ERROR-----";  
cout << endl;
```

```
}
```

```
}
```

```
void sumFunction()
```

```

    {
    }
    void displayBill()
    {
    }
};

```

```

int main()
{
    customer obj1;
    lteam obj2;
    char choice;
    int catagery;
    do
    {

        obj2.showMenu();

        cout<<"\t#-----#"<<endl;
        cout << "\n\t\tSelect Your choice = ";
        cin >> catagery;
        cout << endl;
        cout<<"\t#-----#"<<endl<<endl;
    }
}

```

```
if (catagery == 1)
{
    obj2.MobileInfo();
}

else if (catagery == 2)
{
    obj2.laptopInfo();
}

else if (catagery == 3)
{
    obj2.watchesInfo();
}

else if (catagery == 4)
{
    obj2.ClothesInfo();
}

else if (catagery == 5)
{
    obj2.ShoesInfo();
}
```

```
else if (catagery == 6)
{
    obj2.MakeupInfo();
}
```

```
else if (catagery == 7)
{
    obj2.BooksInfo();
}
```

```
else if (catagery == 8)
{
    obj2.AirConditioner();
}
```

```
else if (catagery == 9)
{
    obj2.stationery();
}
```

```
else if (catagery == 10)
{
    obj2.headphone();
}
```

```

    }

    else
    {
        cout << "-----ERROR-----";
    }

    cout<<"\t#-----#"<<endl;
    cout << "\n\tDo You want to buy more things ---->(y/n)...?";
    cin >> choice;
    cout<<"\t#-----#"<<endl;
}

while (choice == 'y');

obj1.setdata();
obj1.displaydata();
cout << "\n\t\t\t-----You Bought----- " << endl;
cout<<"\n\t\t ";
obj2.displayitems();
cout<<"\n\t\t#-----#"<<endl;
cout << "\n\t\t\tYour Total Bill is : " << obj2.getsum()<<endl;
cout<<"\n\t\t#-----#"<<endl;
getch();
}

```

Output:

```
<#-----#>
```

```
>>>>WELLCOME TO ONLINE SHOPPING WEBSITE<<<<
```

```
<#-----#>
```

```
We have The Following Iteams
```

```
<#-----#>
```

```
  / ---> 1  FOR --> Mobiles      <---  \
 \ ---> 2  FOR --> Laptops      <---  /
 / ---> 3  FOR --> Watches      <---  \
 \ ---> 4  FOR --> Clothes      <---  /
 / ---> 5  FOR --> Shoes        <---  \
 \ ---> 6  FOR --> Makeup        <---  /
 / ---> 7  FOR --> Books          <---  \
 \ ---> 8  FOR --> Air Conditioner <--- /
 / ---> 9  FOR --> stationery    <---  \
 \ ---> 10 FOR --> headphone    <---  /
```

```
<#-----#>
```

```
#-----#
```

```
Select Your choice =
```