

## COFFEE ORDERING APPLICATION CREATED BY ATHARVA BHARADWAJ

### #CODE :-

```
#include <iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    string uname;
```

```
    string pass;
```

```
    string uname1;
```

```
    string pass1;
```

```
    double abal;
```

```
    string ubal;
```

```
    double bal1;
```

```
    string ans;
```

```
    double bal;
```

```
//creating username password
```

```
    cout<<"_____HELLO WELCOME TO cofforderer_____"<<endl;
```

```
    cout<<endl;
```

```
    cout<<"Please Create a new Account"<<endl;
```

```

    cout<<endl;

    cout<<"Choose a Username: ";
    cin>>uname;
    cout<<endl;
    cout<<"Choose a Password: ";
    cin>>pass;
    cout<<endl;

    //verifying username password

    cout<<"          ## Please Enter your Information ##          "<<endl;
    cout<<endl;
    cout<<"Enter Username: ";
    cin>>uname1;
    cout<<endl;
    cout<<"Enter Password: ";
    cin>>pass1;
    cout<<endl;

    while(uname1!=uname||pass1!=pass)
    {
        cout<<"Invalid Username or Password Please Try Again !!" <<endl;

        cout<<"Enter Username: ";
        cin>>uname1;
        cout<<endl;

        cout<<"Enter Password: ";
        cin>>pass1;
    }

```

```
cout<<endl;

}

cout<<"..WELCOME.."<<endl;
cout<<endl;
abal=150.00;
cout<<"Your Previous Balance is: "<<abal<<" Rs";
cout<<endl;
cout<<"Would you like to add more balance?(Y/N)"<<endl;
cin>>ubal;

if(ubal=="Y"||ubal=="y")
{
    cout<<"Enter the Amount: ";
    cin>>bal1;
    cout<<endl;

    cout<<"Your Updated Balance Is: "<<abal+bal1<<" Rs";
    bal=abal+bal1;

    cout<<endl;
}
else
{
    cout<<endl;
    cout<<"Alright"<<endl;
    cout<<endl;
    cout<<"Balance Is "<<abal<<"Rs"<<endl;
    bal=abal;
}
```

```

cout<<endl;
cout<<"Would you Like a Coffee?(Y/N): ";
cin>>ans;
cout<<endl;

if(ans=="Y"||ans=="y")
{
    cout<<"Please Select Which Coffee You want "<<endl;
    cout<<endl;

    string coarray[]={"Espresso","Classic Filter Coffee","Toffee
Latte","Macchiato","Ethiopian Coffee"};
    double cocost[]={116,126,183,142,186};

    cout<<"1."<<coarray[0]<<" --> "<<cocost[0]<<"Rs"<<endl;
    cout<<"2."<<coarray[1]<<" --> "<<cocost[1]<<"Rs"<<endl;
    cout<<"3."<<coarray[2]<<" --> "<<cocost[2]<<"Rs"<<endl;
    cout<<"4."<<coarray[3]<<" --> "<<cocost[3]<<"Rs"<<endl;
    cout<<"5."<<coarray[4]<<" --> "<<cocost[4]<<"Rs"<<endl;
    cout<<endl;

    cout<<"Your Choice:- ";
    int ch;
    cin>>ch;

    while(ch>5||ch<1)
    {
        cout<<"Please Enter Valid Input!"<<endl;
        cout<<"Your Choice:- ";
        cin>>ch;
    }
}

```

```

if(ch==1)
{
    cout<<"You Have Ordered a "<<coarray[0]<<" Amounting "<<cocost[0]<<" Rs "<<endl;
    cout<<endl;
    cout<<"You Have "<<bal-cocost[0]<<" Rs "<<" left"<<endl;
    cout<<endl;
    cout<<"!!THANKYOU FOR ORDERING!!!"<<endl;
}
else if(ch==2)
{
    cout<<"You Have Ordered a "<<coarray[1]<<" Amounting "<<cocost[1]<<" Rs "<<endl;
    cout<<endl;
    cout<<"You Have "<<bal-cocost[1]<<" Rs "<<" left"<<endl;
    cout<<endl;
    cout<<"!!THANKYOU FOR ORDERING!!!"<<endl;
}
else if(ch==3)
{
    cout<<"You Have Ordered a "<<coarray[2]<<" Amounting "<<cocost[2]<<" Rs "<<endl;
    cout<<endl;
    cout<<"You Have "<<bal-cocost[2]<<" Rs "<<" left"<<endl;
    cout<<endl;
    cout<<"!!THANKYOU FOR ORDERING!!!"<<endl;
}
else if(ch==4)
{
    cout<<"You Have Ordered a "<<coarray[3]<<" Amounting "<<cocost[3]<<" Rs "<<endl;
    cout<<endl;
    cout<<"You Have "<<bal-cocost[3]<<" Rs "<<" left"<<endl;

```

```

    cout<<endl;
    cout<<"!!THANKYOU FOR ORDERING!!!"<<endl;
}
else if(ch==5)
{
    cout<<"You Have Ordered a "<<coarray[4]<<" Amounting "<<cocost[4]<<" Rs "<<endl;
    cout<<endl;
    cout<<"You Have "<<bal-cocost[4]<<" Rs "<<" left"<<endl;
    cout<<endl;
    cout<<"!!THANKYOU FOR ORDERING!!!"<<endl;;
}

```

```

else
{
    cout<<"Alright Have a Good Day";
}
cout<<"Have a Good Day";
}
return 0;
}

```

## #OUTPUT :-

```
-----HELLO WELCOME TO cofforderer-----  
  
Please Create a new Account  
  
Choose a Username: abc  
  
Choose a Password: ab#123  
  
                ## Please Enter your Information ##  
  
Enter Username: abc  
  
Enter Password: ab#123  
  
..WELCOME..  
  
Your Previous Balance is: 150 Rs  
Would you like to add more balance ?(Y/N)  
y  
Enter the Amount: 120  
  
Your Updated Balance Is: 270 Rs  
  
Would you Like a Coffee?(Y/N): y  
  
Please Select Which Coffee You want  
  
1.Espresso --> 116Rs  
2.Classic Filter Coffee --> 126Rs  
3.Toffee Latte --> 183Rs  
4.Macchiato --> 142Rs  
5.Ethiopian Coffee --> 186Rs  
  
Your Choice:- 5  
You Have Ordered a Ethiopian Coffee Amounting 186 Rs  
  
You Have 84 Rs left  
  
!!THANKYOU FOR ORDERING!!!  
Have a Good Day
```