CODE

```
#include<iostream>

#include<string.h>

#include<conio.h>

#include<fstream>

#include<unistd.h>

#include<istream>

#include<stdlib.h>

#include<windows.h>


using namespace std;




class food_list

{


public:


void food_menu();


};
```

```
void food_list::food_menu()

{

char name;

int phn_no;

string address;


system("cls");


cout<<"\n\n\t\t\t\t== YOU CAN ORDER NOW =="<<endl;




cout<<"\n\n\n\t\t=================================================
========"<<endl;

cout<<"\n\n\t\t ******************************** MENU ********************************\n\n";

cout<<"\t\t\t\t1. Sandwiches\t\tRs 75\n";

cout<<"\t\t\t\t2. Veg Crispy Burger\tRs 100\n";

cout<<"\t\t\t\t3. Fries\t\tRs 75\n";

cout<<"\t\t\t\t4. Mango Shake\t\tRs 45\n";

cout<<"\t\t\t\t5. Vegetable Maggie\tRs 120\n ";

cout<<"\t\t\t\t6. Veg Momos\t\tRs 90\n";

cout<<"\t\t\t\t7. Non Veg Momos\tRs 75\n";

cout<<"\t\t\t\t8. Chicken Burger\tRs 150\n";

cout<<"\t\t\t\t9. Cold coffee\t\tRs 90\n";

cout<<"\t\t\t\t10. Ice cream\t\tRs 50";
```

```
cout<<"\n\n\t\t==========================================================
=====<<endl;



}



class bill:publicfood_list



{



protected:



int
order,start,choice,order1,order2,order3,order4,order5,order6,order7,order8,order9,order
10,sum=0;



string y,ye;







public:



void food_menu2()

{
```

```
ofstream write;

write.open("receipt.text");

if(!write)
{

cout<<"file can not open"<<endl;

exit (-1);

}

order1:

order2:

start:



cout<<"\n\n\tEnter your order: ";

cin>>choice;
```

```
cout<<"\n\n\tDo you want to change your order? (y/n) :";




cin>>ye;




if(ye=="y"|| ye=="Y")

{


goto start;


}

else

{


switch(choice)
```

```
{

case 1:

cout<<"\n\n\tHow many order? :";

cin>>order;



order1=75;

sum=sum+order1*order;

write<<"You order Sandwiches: Rs75";

write<<"\n";

write<<"Number of order is: "<<order;

write<<"\n";

cout<<"\n\n\n\tYou order Sandwiches. Sucessfully save order!"<<endl;
```

```
break;

case 2:

cout<<"\n\n\tHow many order? :";

cin>>order;

order2=100;

sum=sum+order2*order;

write<<"You order Veg Crispy Burger: Rs100";

write<<"\n";

write<<"Number of order is: "<<order;
```

```
write<<"\n";

cout<<"\n\n\n\tYou order Veg Crispy Burger .Sucessfully save order!"<<endl;

break;




case 3:

cout<<"\n\n\tHow many order? :";

cin>>order;




order3=75;

sum=sum+order3*order;

write<<"You order Fries: Rs75";

write<<"\n";
```

```
write<<"Number of order is: "<<order;

write<<"\n";

cout<<"\n\n\n\tYou order Fries. Sucessfully save order!"<<endl;

break;



case 4:

cout<<"\n\n\tHow many order? :";

cin>>order;



order4=45;

sum=sum+order4*order;
```

```
write<<"You order Mango Shake: Rs45";

write<<"\n";

write<<"Number of order is: "<<order;

write<<"\n";

cout<<"\n\n\n\tYou order Mango Shake .Sucessfully save order!"<<endl;

break;



case 5:

cout<<"\n\n\tHow many order? :";

cin>>order;



order5=120;
```

```
sum=sum+order5*order;

write<<"You order Vegetable Maggie: Rs120";

write<<"\n";

write<<"Number of order is: "<<order;

write<<"\n";

cout<<"\n\n\n\tYou order Vegetable Maggie .Sucessfully save order!"<<endl;

break;



case 6:

cout<<"\n\n\tHow many order? :";

cin>>order;
```

```
order6=90;

sum=sum+order6*order;

write<<"You Veg Momos: Rs90";

write<<"\n";

write<<"Number of order is: "<<order;

write<<"\n";

cout<<"\n\n\n\tYou order Veg Momos. Sucessfully save order!"<<endl;

break;

case 7:

cout<<"\n\n\tHow many order? :";

cin>>order;
```

```
order7=75;

sum=sum+order7*order;

write<<"You Non Veg Momos: Rs75";

write<<"\n";

write<<"Number of order is: "<<order;

write<<"\n";

cout<<"\n\n\n\tYou order Non Veg Momos. Sucessfully save order!"<<endl;

break;

case 8:

cout<<"\n\n\tHow many order? :";
```

```
cin>>order;



order8=150;

sum=sum+order8*order;

write<<"You order Chicken Burger: Rs150";

write<<"\n";

write<<"Number of order is: "<<order;

write<<"\n";

cout<<"\n\n\n\tYou order Chicken Burger. Sucessfully save order!"<<endl;

break;

case 9:

cout<<"\n\n\tHow many order? :";
```

```
cin>>order;



order9=90;

sum=sum+order9*order;

write<<"You order Cold Coffee: Rs90";

write<<"\n";

write<<"Number of order is: "<<order;

write<<"\n";

cout<<"\n\n\n\tYou order Cold Coffee. Sucessfully save order!"<<endl;

break;

case 10:
```

```
cout<<"\n\n\tHow many order? :";

cin>>order;



order10=50;

sum=sum+order10*order;

write<<"You order ice cream: Rs50";

write<<"\n";

write<<"Number of order is: "<<order;

write<<"\n";

cout<<"\n\n\n\tYou order ice cream. Sucessfully save order!"<<endl;

break;

case 11:
```

```
cout<<"\n\tGoodbye.... ";

exit(0);

break;



default:

cout<<"\n\n\tYou enter wrong keyword !!!!! "<<endl;

goto start;

break;

}

cout<<"\n\tDo you want to order again? (yes/no) :";

cin>>y;
```

```
if(y=="yes"|| y=="YES")

{

goto order1;

}

else

{

cout<<"\n\tTHANK YOU COME AGAIN! GENERATING BILL ";



cout<<"\n\n\t";

system("PAUSE");

}

}
```

```
system("cls");
string name;
int phn_no;
string address;



cout<< "\n\t\t================================================"<<endl;

cout<< "\n\t\t|              Food Ordering System            |"<<endl;

cout<< "\n\t\t================================================"<<endl;

cout<<endl;
cout<<endl;



cout<< "Enter your name:";
cin>> name;
cout<< "Enter your address:";
cin>> address;
cout<< "Enter your phone:";
```

```
cin>>phn_no;

cout<< "\nYour name is: " << name;

cout<< "\nYour address is: " << address;

cout<< "\nYour phone is: " <<phn_no;



cout<< "\n\t\tBillNo : 1000          Order : THF01"<<endl;


cout<<endl;


cout<<endl;




cout<<endl;


cout<<"\n\n\t\tTotal bill is : Rs"<<sum<<endl;



write<<"\n\n";


write<<"Total: "<<sum;

cout<< "\n\t\t Thank you for being our valued customer. We are so grateful for the pleasure of serving you and hope we met your expectations"<<endl;
```

```
cout<< "\n\t\t  ENJOY YOUR MEAL\t\t\n"<<endl;

cout<< "\n\t\t=============================================="<<endl;









write.close();

}




void show1()

{

food_menu();

food_menu2();

}
```

```
};

class login :publicfood_list,public  bill

{

public:

string z;

public:

void gin();

void registr();

void  forgot();

void total()

{

string reguser,regpass,ru,rp;

int choice;

cout<<"\n\n\n\t\t\t\t==============""WELCOME TO THE HUNGRY FORK""==============="<<endl;
```

```
cout<<"\n\n\t\t""You will now begin to receive mouth-watering deals exclusively for you from hungry fork""\t\n\n"<<endl;



cout<<"\t\t\t**********************************************************************\n\n\n";

cout<<"\t\t\t                Welcome to login page                          \n\n\n";

cout<<"\t\t\t**********************************************************************\n\n\n";

cout<<"\t\t1.LOGIN"<<endl;

cout<<"\t\t2.SIGN IN"<<endl;

cout<<"\t\t3.FORGOT PASSWORD (or) USERNAME"<<endl;

cout<<"\t\t4.Exit"<<endl;

cout<<"\n\t\tEnter your choice :";

cin>>choice;

cout<<endl;

switch(choice)

{

case 1:

gin();

break;

case 2:

registr();

break;

case 3:

forgot();

break;
```

```
case 4:
cout<<"Thanks for visiting HUNGRY FORK :)";
exit(0);

break;
default:
system("cls");
cout<<"You've made a mistake , give it a try again\n"<<endl;

}

}
```

```
};
```

```
int  main()
{
login ob;

ob.total();

getch();
}
```

```
void login::gin()
{
login ob;

int count;
string user,pass,u,p;
system("cls");
cout<<"\n\tPlease enter the following details\n"<<endl;
again:
cout<<"USERNAME :";
cin>>user;
cout<<"\nPASSWORD :";
cin>>pass;

ifstream input("database.txt");
while(input>>u>>p)
{
if(u==user && p==pass)

{
count=1;
system("cls");
```

```
}

}

input.close();

if(count==1)

{

cout<<"\n\t\t\tLOGIN SUCCESSFULL\n"<<endl;

cout<<"\n\tWELCOME"<<" "<<user<<"."<<"\n\tWe're glad that you're here.Thanks for logging in.\n";

cout<<"\n\tPress any key to continue...\n";

cin.get();

cin.get();

show1();



}

else

{

cout<<"\n\t\t\tLOGIN ERROR\n\nPlease check your username and password\n";

goto again;



}

}


void login::registr()

{
```

```
login ob;



string reguser,regpass,ru,rp;
system("cls");
cout<<"\nEnter the username :";
cin>>reguser;
cout<<"\nEnter the password :";
cin>>regpass;

ofstream reg("database.txt",ios::app);
reg<<reguser<<' '<<regpass<<endl;

cout<<"\nRegistrationSucessful\n";
system("cls");
ob.total();



}

void login::forgot()
{
login ob;
```

```
int ch;
system("cls");
cout<<"Forgotten ? We're here for help\n";
reach:
cout<<"\t1.Search your id by username\n"<<endl;
cout<<"\t2.Search your id by password\n"<<endl;

cout<<"Enter your choice :";
cin>>ch;
switch(ch)
{
case 1:
{
int count=0;
string searchuser,su,sp;
cout<<"\n\tEnter your remembered username :";
cin>>searchuser;

ifstreamsearchu("database.txt");
while(searchu>>su>>sp)
{
if(su==searchuser)
```

```
{
count=1;
}
}
searchu.close();
if(count==1)
{
cout<<"\n\nHurray, account found\n\n";
cout<<"\n\t\tYour password is "<<sp;
cin.get();
cin.get();
system("cls");
ob.total();
show1();
}
else
{
cout<<"\n\nSorry, Your userID could not be found\n\n";
goto reach;
cout<<"\nPlease mail us at example@gmail.com for further details \n";
cin.get();
cin.get();
show1();
```

```
}
break;
}
case 2:
{
int count=0;
string searchpass,su2,sp2;
pass:
cout<<"\nEnter the remembered password :";
cin>>searchpass;

ifstreamsearchp("database.txt");
while(searchp>>su2>>sp2)
{
if(sp2==searchpass)
{
count=1;
}
}
searchp.close();
if(count==1)
{
cout<<"\nYour password is found\n";
```

```
cout<<"\nYour Id is : "<<su2;
cin.get();
cin.get();
system("cls");
ob.total();



}
else
{
cout<<"\n\nSorry, We cannot found your passwordn\n";
goto pass;
cout<<"\n\nPlease mail us at example@gmail.com for further details \n\n";
cin.get();
cin.get();


}


break;
```

```
}

}

}
```