## 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();
};
```

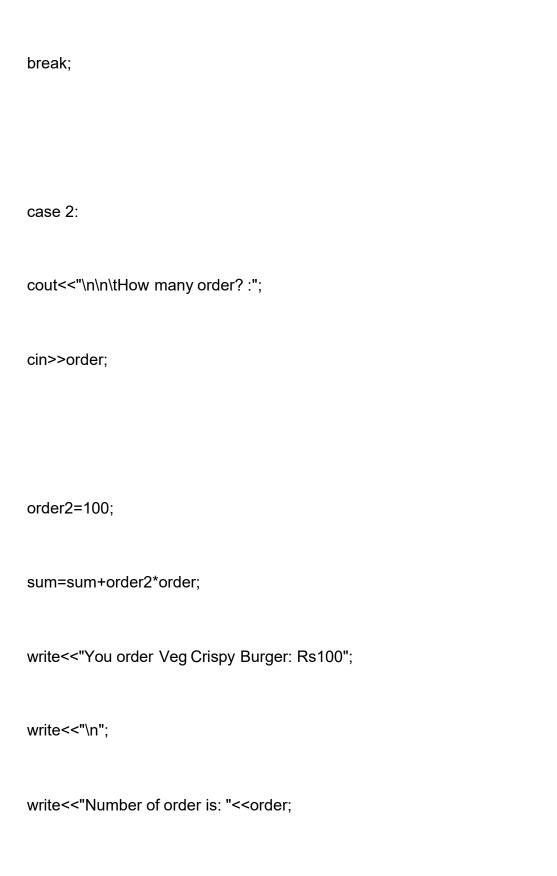
```
void food list::food menu()
{
char name;
int phn_no;
string address;
system("cls");
cout<<"\n\n\t\t\t== YOU CAN ORDER NOW =="<<endl;
====="<<endl;
cout<<"\n\n\t\t ****************** MENU ******************************\n\n";
cout<<"\t\t\t1. Sandwiches\t\tRs 75\n";
cout<<"\t\t\t2. Veg Crispy Burger\tRs 100\n";
cout<<"\t\t\t3. Fries\t\tRs 75\n";
cout<<"\t\t\t4. Mango Shake\t\tRs 45\n";
cout<<"\t\t\t5. Vegetable Maggie\tRs 120\n ";
cout<<"\t\t\t6. Veg Momos\t\tRs 90\n";
cout<<"\t\t\t7. Non Veg Momos\tRs 75\n";
cout<<"\t\t\t8. Chicken Burger\tRs 150\n";
cout<<"\t\t\t9. Cold coffee\t\tRs 90\n";
cout<<"\t\t\t10. Ice cream\t\tRs 50";
```

cout<<"\n\n\t\t===============================
===="< <endl;< td=""></endl;<>
}
J
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;
```

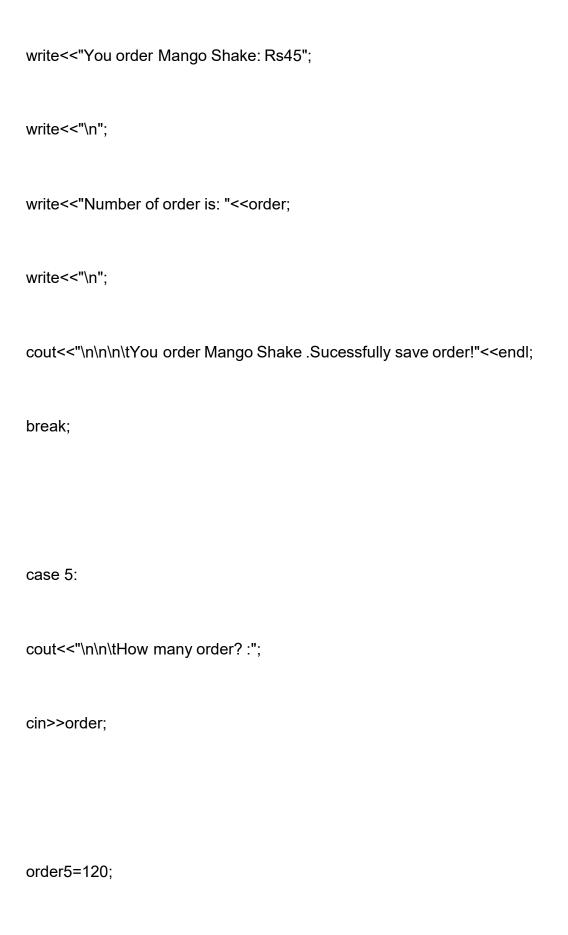
```
cout << "\n\n\tDo you want to change your order? (y/n) :";
cin>>ye;
if(ye=="y"|| ye=="Y")
{
goto start;
}
else
{
switch(choice)
```

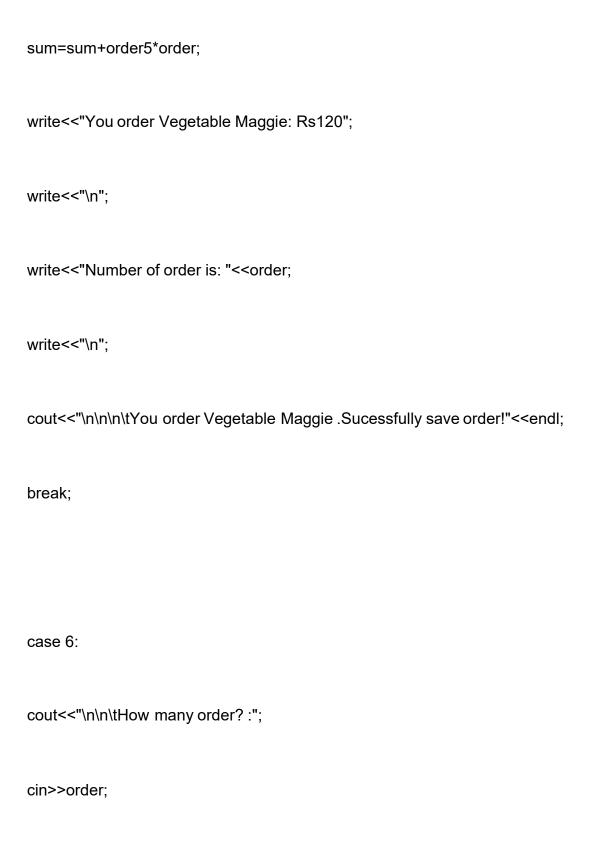
```
{
case 1:
cout<<"\n\n\tHow many order? :";
cin>>order;
order1=75;
sum=sum+order1*order;
write << "You order Sandwiches: Rs75";
write << "\n";
write << "Number of order is: " << order;
write<<"\n";
cout<<"\n\n\tYou order Sandwiches. Sucessfully save order!"<<endl;</pre>
```



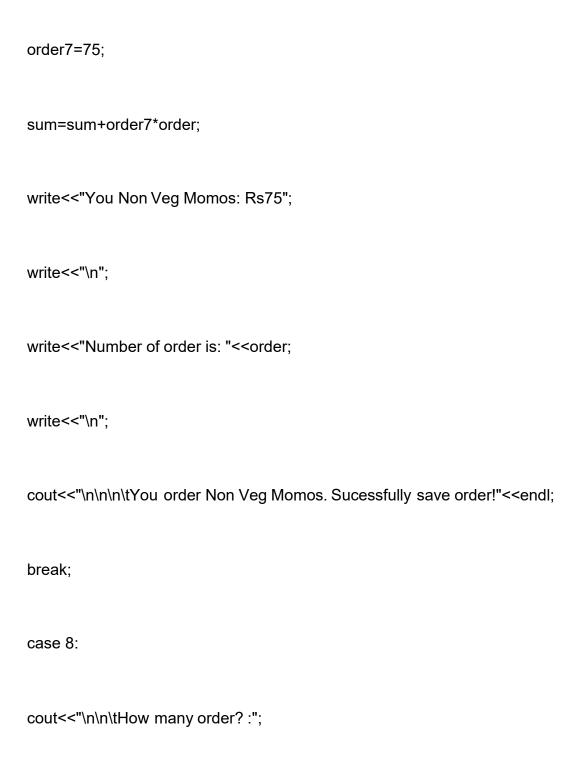


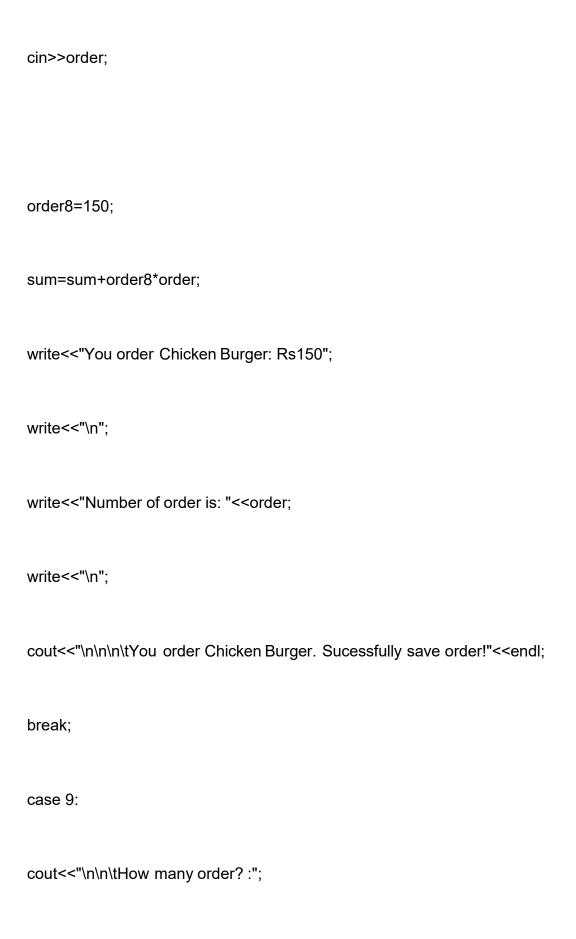
write<<"Number of order is: "< <order;< th=""></order;<>						
write<<"\n";						
cout<<"\n\n\tYou order Fries. Sucessfully save order!"< <endl;< td=""></endl;<>						
break;						
case 4:						
cout<<"\n\n\tHow many order? :";						
cin>>order;						
order4=45;						
sum=sum+order4*order;						



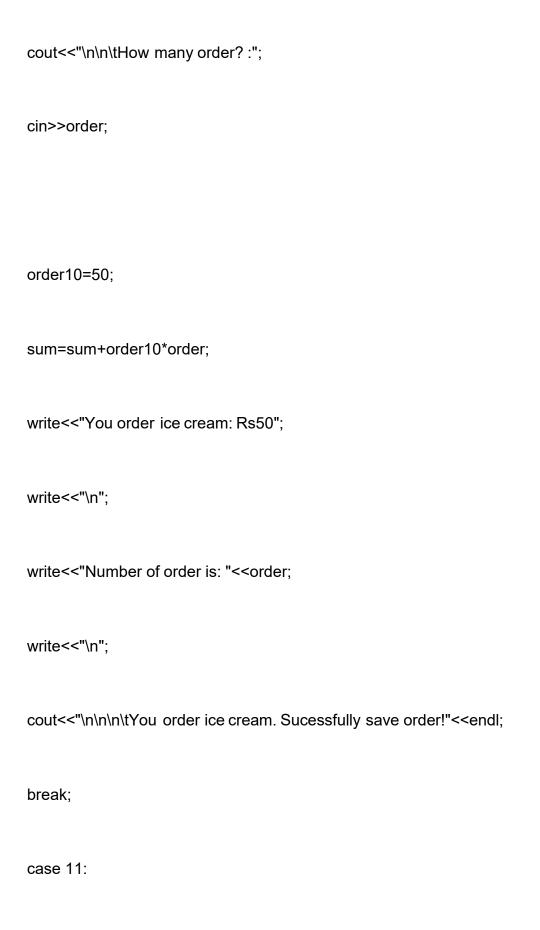


```
order6=90;
sum=sum+order6*order;
write << "You Veg Momos: Rs90";
write<<"\n";
write << "Number of order is: " << order;
write<<"\n";
cout<<"\n\n\tYou order Veg Momos. Sucessfully save order!"<<endl;</pre>
break;
case 7:
cout<<"\n\n\tHow many order? :";
cin>>order;
```



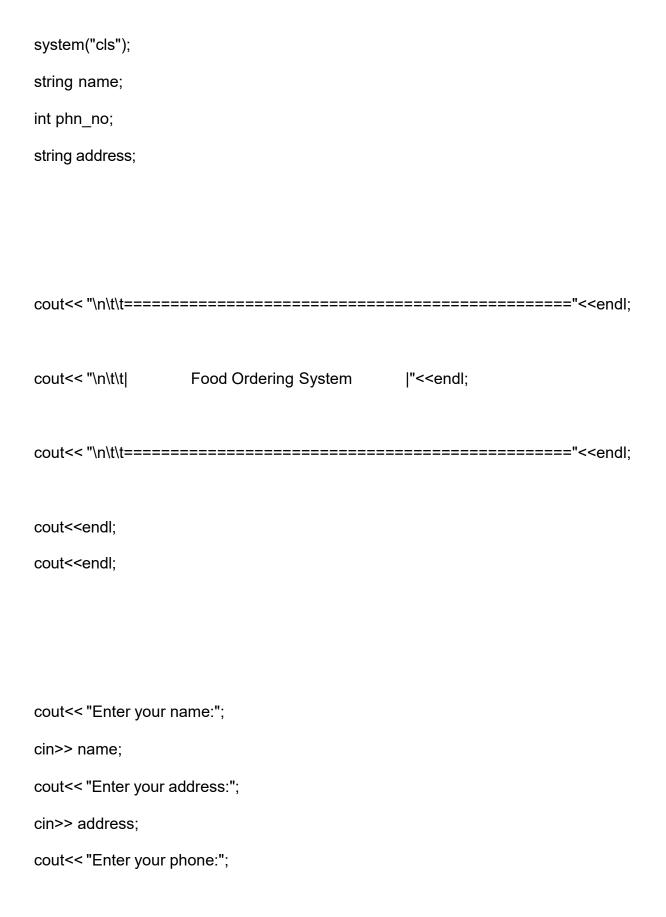


cin>>order;
order9=90;
sum=sum+order9*order;
write<<"You order Cold Coffee: Rs90";
write<<"\n";
write<<"Number of order is: "< <order;< td=""></order;<>
write<<"\n";
cout<<"\n\n\tYou order Cold Coffee. Sucessfully save order!"< <endl;< td=""></endl;<>
break;
case 10:



```
cout<<"\n\tGoodbye....";
exit(0);
break;
default:
cout<<"\n\n\tYou enter wrong keyword !!!!! "<<endl;</pre>
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");
}
}
```



```
cin>>phn_no;
cout<< "\nYour name is: " << name;</pre>
cout<< "\nYour address is: " << address;</pre>
cout<< "\nYour phone is: " <<phn_no;</pre>
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;</pre>
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\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';
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 :";</pre>
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;
}</pre>
```

}

```
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\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 :";</pre>
cin>>reguser;
cout<<"\nEnter the password :";</pre>
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;</pre>
cout<<"Enter your choice :";
cin>>ch;
switch(ch)
{
case 1:
int count=0;
string searchuser, su, sp;
cout<<"\n\tEnter your remembered username :";</pre>
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;</pre>
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 :";</pre>
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 << \verb"\n\nSorry, We cannot found your passwordn \verb'\n";
goto pass;
cout<<"\n\nPlease mail us at example@gmail.com for further details \n\n";
cin.get();
cin.get();
}
break;
```

}

}

}