#include<bits/stdc++.h>

#include<string>

#include<conio.h>

#include<stdlib.h>

using namespace std;

int oldID;

void choicebox();

void menu();

void load(int a)

{ int v;

for(int h=0;h<a;h++)

{v=0;}}

void loading()

{ cout<<"LOADING";

for(int j=0;j<11;j++)

{ load(9999999);

cout<<" .";}

cout<<"\n";

system("cls");}

void Address(string address)

{cout<<"\nYour Order will be delivered at Address: "<<address<<" shortly in "<<rand()%40+20<<" minutes."<<endl;}

int valid(long long int n)

{ long long int g;

int cdi=0;

for(g=n;g>0;g=g/10)

cdi++;

if(cdi==16)

return 1;

else

return 0;}

void payment(double d)

{ long long int p;

cout<<"PLEASE ENTER YOUR CREDIT/DEBIT CARD\n";

cin>>p;

cout<<"LOADING";

for(int j=0;j<11;j++)

{ load(9999999);

cout<<" .";}

cout<<"\n";

int che=0;

while(che==0)

{ che=valid(p);

if(che==1)

{cout<<"-----------------------------------\nPAYMENT SUCCESSFUL OF Rs. "<<d<<" THROUGH CARD XXXX XXXX XXXX "<<p%10000;}

else

{cout<<"\n------------------ENTER A VALID CARD NUMBER------------------\n";

cin>>p;

cout<<"LOADING";

for(int j=0;j<11;j++)

{ load(9999999);

cout<<" .";}

cout<<"\n";}}

printf("-----------------------------------\nTHANKYOU FOR SHOPPING FROM QUICK TECH MART!!!\n\n");}

class user

{ public:

string name;

int id;long long int phn;

string pass;

string temp3;

user()

{phn=rand()%10000000000;}

void assignid(int k)

{id=k;}

void assignpass(string s)

{pass=s;}

int getid()

{return id;}

string getpass()

{return pass;}};

class mainscr:public user

{ int choice,id3,flag;

char vl=179,hl=196,ul=218,br=192,ur=191,bl=217;

public:

int temp1;string temp,pass2;int temp2;

user \*us[10];

mainscr()

{

int pass1=500;

string s1;

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

{us[i]=new user;}

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

{

us[i]->assignid(100+i);

s1=to\_string(pass1);

us[i]->assignpass(s1);

pass1=pass1+5;

}}

int print()

{cout<<"\t\t\t"<<ul;

for(int i=0;i<36;i++)

cout<<hl;

cout<<ur;

cout<<"\n\t\t\t"<<vl<<" WELCOME TO QUICK TECH MART "<<vl;

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

for(int i=0;i<36;i++)

cout<<hl;

cout<<bl;

cout<<"\n";

cout<<"\n\nMENU:\n\nPRESS 1 TO LOGIN\nPRESS 2 FOR CHANGE PASSWORD\n\nYOUR CHOICE: ";

cin>>choice;

return choice;}

int login()

{ int h,count=0;

cout<<"\nYOU'VE CHOSEN TO LOGIN...\n\nENTER LOGIN ID: ";

cin>>temp1;

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

{

id3=us[i]->getid();

if(temp1==id3)

{

count++;

h=i;

}

}

if(count!=0)

{cout<<"ENTER PASSWORD: ";

cin>>temp;

pass2=us[h]->getpass();

if(temp==pass2)

{

cout<<"\nLOGIN SUCCESSFUL...!\n";

loading();

flag=1;

}

else

{

cout<<"\nWRONG PASSWORD...TRY AGAIN\n\n";

flag=0;

login();}}

else

{cout<<"LOGINID NOT REGISTERED...TRY AGAIN!\n";

flag=0;

login();

}return flag;

}

void changepass()

{

cout<<"\nYOU'VE CHOSEN TO CHANGE PASSWORD...\n\nENTER LOGIN ID: ";

cin>>temp1;

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

{

id3=us[i]->getid();

pass2=us[i]->getpass();

if(temp1==id3)

{

cout<<"ENTER OLD PASSWORD: ";

cin>>temp3;

if(temp3==pass2)

{

cout<<"\nENTER NEW PASSWORD: ";

cin>>temp2;

us[i]->pass=to\_string(temp2);

cout<<"\nPASSWORD UPDATED SUCCESSFULLY.";

}

else

{

cout<<"\nWRONG PASSWORD...TRY AGAIN\n\n";

changepass();

}}}}};

class mobile //MOBILE RECHARGE

{

int mob,key,r;double flag;

string arr[4]={"AIRTEL","JIO","VODAFONE IN","BSNL"};

double plan[3]={149,399,599};int validity[3]={1,2,3};string benefits[3]={"Only Unlimited calls No data","Unlimited calls+ 1gb data per day","Unlimited calls+ 2gb data per day"};

public:

double amt=rand()%500;

double print()

{

cout<<"Enter a phone number: ";

cin>>mob;

if(mob%10000000000>=1)

{

cout<<"\nOperator: "<<arr[rand()%3]<<endl;

cout<<"\nPress 1 for postpaid and 2 for prepaid\n";

cin>>key;

switch(key)

{case 1:cout<<"The bill is: "<<amt<<endl;

flag=amt;

break;

case 2:cout<<"\nPlans:\nChoice\t\tPrice\t\tValidity\t\tBenefits"<<endl;

for(int i=0;i<3;i++)

{

cout<<i+1<<"\t\t"<<plan[i]<<"\t\t"<<validity[i]<<"\t\t"<<benefits[i]<<endl;

}

cout<<"\nChoose Plan"<<endl;

cin>>r;

cout<<"\nAmount Payable : Rs. "<<plan[r-1]<<endl<<endl;

flag=plan[r-1];

break;

default:cout<<"\nInvalid Choice...Try Again...!\n\n";print();}}

else

{

cout<<"not valid number...Try again"<<endl;

print();

}

return flag;

}};

char vl=179,hl=196,ul=218,br=192,ur=191,bl=217;

struct details

{

float l;

float s;

float e;

float h;

float w;

float score;

}d;

void heading() //function for heading

{

cout<<"\t\t\t"<<ul;

for(int i=0;i<25;i++)

cout<<hl;

cout<<ur;

cout<<"\n\t\t\t"<<vl<<" QUICK TECH MART "<<vl;

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

for(int i=0;i<25;i++)

cout<<hl;

cout<<bl;

cout<<"\n";

}

void line()

{

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

for(int i=0;i<50;i++)

cout<<"\*";}

void end()

{

int temp;

system("cls"); //to clear screen

heading();

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

line();

cout<<"\n\n\t"<<" THANK YOU \n";

line();

cout<<"\n\n\n\n\n\n\t DESIGNED AND DEVELOPED BY \n";

cout<<"\n\n\tAYUSH SINGH CHAUHAN, LAKSHITA GUPTA, AMAN KAKKAR, SAMRIDHI DHINGRA \n\n\n\t\t\tPress Any key to Exit finally\n\t\t\t\t\t";

if(getch())

exit(0);}

void menu1()

{

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

for(int i=0;i<55;i++)

cout<<hl;

cout<<ur;

cout<<"\n\t"<<vl<<" CHOOSE YOUR REQUIRED OPTION "<<vl;

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

for(int i=0;i<55;i++)

cout<<" ";

cout<<vl;

cout<<"\n\t"<<vl<<" 1. ELECTRICITY "<<vl;

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

for(int i=0;i<55;i++)

cout<<" ";

cout<<vl;

cout<<"\n\t"<<vl<<" 2. CASHBACK GAMING "<<vl;

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

for(int i=0;i<55;i++)

cout<<" ";

cout<<vl;

cout<<"\n\t"<<vl<<" 3. ONLINE GROCERY "<<vl;

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

for(int i=0;i<55;i++)

cout<<" ";

cout<<vl;

cout<<"\n\t"<<vl<<" 4. MOBILE RECHARGE "<<vl;

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

for(int i=0;i<55;i++)

cout<<" ";

cout<<vl;

cout<<"\n\t"<<vl<<" 5. ONLINE FOOD ORDERING "<<vl;

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

for(int i=0;i<55;i++)

cout<<" ";

cout<<vl;

cout<<"\n\t"<<vl<<" 6. EXIT "<<vl;

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

for(int i=0;i<55;i++)

cout<<" ";

cout<<vl;

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

for(int i=0;i<55;i++)

cout<<" ";

cout<<vl;

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

for(int i=0;i<55;i++)

cout<<hl;

cout<<bl;}

class EleBill //ELECTRICITY BILL

{

private:

int cUnit,pUnit,unit;double amt;

public:

void get();

void printAmount();

};

void EleBill::get()

{

cout << "Enter Consumer Id:";

cin>>oldID;

pUnit=rand()%300;

}

/\*1 - 100 = 0.5

101 - 200 = 1

201 - 300 = 3

above 300 - 5\*/

void EleBill::printAmount()

{

cout<<"\nYour previous billed units dated (24/4/2021) : "<<pUnit<<endl;

cout << "\nEnter current unit : ";

cin>>cUnit;//ask input from the user for current unit

try{

if(cUnit<pUnit)

{

throw 1;

}

unit=cUnit-pUnit;

if(unit>0 && unit<=100)

{

amt=unit\*0.5;

}

if(unit>100 && unit<=200)

{

amt=unit\*1;

}

if(unit>200 && unit<=300)

{

amt=unit\*3;

}

if(unit>300)

{

amt=unit\*5;

}

cout << "\nBill charge: " <<amt <<endl<<endl;

payment(amt);

}

catch (int)

{

cout<<"\n\nCurrent units cannot be less than previous units. Current unit is sum of unit and previous unit."<<endl;

cout<<"Try entering the current unit and previous unit again\n \n"<<endl;

printAmount();

}

}

//ONLINE GROCERY

class Grocery{

public:

int item=0;string add;

float Milk=60;

float Egg = 8;

float Cheese = 120;

float Pasta = 100;

char ch;

float cost=0.00;// take the starting cost 0

int count=0 ;//count of items

int fund=0;

float valueoffund=5.00;// value of the tip

double totalcost;

float total=0.00;

void Bill(){

cout<<"\nYour Bill Amount says : "<<total<<endl;

total=total+(0.18\*total);

cout<<"\nTotal Amt is incl. 18 percent GST : "<<total<<endl;

cout<<"\nDO YOU WANT TO ADD RS.5 FOOD FUND?\nPRESS 1 FOR YES OR 2 FOR NO"<<endl;

cin>>fund;

cout<<"\nEnter delivery address: ";getchar();getline(cin,add);

switch(fund)

{

case 1:

total=total+valueoffund;

cout<<"\nAmount : "<<total<<endl;

break;

case 2:

cout<<"\nAmount : "<<total<<endl;

break;

}

if(total<=500)

{

cout<<"Your Delivery is : 80"<<endl;

totalcost = total+80;

cout<<"Amount Payable is : "<<totalcost<<endl<<endl;

payment(totalcost);Address(add);

}

else if(500<total<700.00)

{

cout<<"Your Delivery cost is : 50"<<endl;

totalcost = total+50;

cout<<"Amount Payable is : "<<totalcost<<endl<<endl;

payment(totalcost);Address(add);

}

else

{

cout<<"Your Delivery cost is free"<<endl;

totalcost = total;

cout<<"Amount Payable is : "<<totalcost<<endl<<endl;

payment(totalcost);Address(add);

}

}

// Asking Customer For The Items

char inp(){

char ch;

cout<<"\nChoose Your Item : ";

cin>> item;

switch (item) {

case 1:

cout << "Milk\t:\t"<<Milk<<endl;

cost=Milk;

break;

case 2:

cout << "Egg\t:\t"<<Egg<<endl;;

cost=Egg;

break;

case 3:

cout << "Cheese\t:\t"<<Cheese<<endl;

cost=Cheese;

break;

case 4:

cout << "Pasta\t:\t"<<Pasta<<endl;;

cost=Pasta;

break;

}

//asking customer quantity of item

cout<<"Enter Quantity : ";

cin>>count;

total=total+(cost\*count);

cost=0;

count=0;

cout<<"\nDo you want to purchase more?\nEnter 'y' for yes and any other character for no: "<<endl;

cin>>ch;

return ch;

}

void grocery(){

char ch;

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

cout<<"\t\t GROCERY SHOPPING ITEMS"<<endl;

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

cout<<"1. MILK : RS.60 / LITRE"<<endl;

cout<<"2. EGG : RS.8 / PIECE"<<endl ;

cout<<"3. CHEESE : RS.120 / PACKET"<<endl;

cout<<"4. PASTA : RS.100 / KG"<<endl;

do

{ch=inp();}

while((ch=='y')||(ch=='Y'));

Bill();

}

};

class food

{

public:

char ans;

int choice;

float sum[4]= {0,0,0,0};

int num[4]={0,0,0,0};

int ind\_item[5], ind\_q[5] , ind\_price[5], ind\_tot[5];

int i\_item[4], i\_q[4] , i\_price[4], i\_tot[4];

int c\_item[5], c\_q[5] , c\_price[5], c\_tot[5];

int d\_item[5], d\_q[5] , d\_price[5], d\_tot[5];

void Welcome();

void about\_us();

void Menu();

void indian();

void italian();

void chinese();

void drinks();

void bill();

};

void food:: Welcome()

{

char fullname[30]; int a;

cout<<"\n\n>> 1. SHOW TODAY'S MENU\n>> 2. EXIT\n\n";

cin>>a;

if(a==1)

{

Menu();

}

else if(a==2)

{

about\_us();

}

}

void food:: about\_us()

{

system("cls");

cout<< "chefs BEHIND THIS delicious food :\n\n"<< "~>LAKSHITA GUPTA\n\n"<<

"~>AMAN KAKKAR\n\n"<< "~>AYUSH SINGH CHAUHAN\n\n"<< "~>SAMRIDHI DHINGRA \n\n";

cout<<"-->FROM THE BEST FARMS TO YOUR TABLE \n\n"<<

"-->ORGANIC INGREDIENTS AND HEALTHY RECIPIES, DELIVERED!!!! \n\n"<<

"-->SERVING THE BEST QUALITY WITH PASSION AND FROM A HEALTHY ATMOSPHERE!!!!\n\n\n";

cout<<"PRESS ANY KEY TO CONTINUE";

if(getch())

{cout<<"\n\n\nENTER YOUR CHOICE "<<endl;

cout<<"1. BACK TO MAIN MENU!!"<<endl;

cout<<"2. EXIT"<<endl;

cin>>choice;

if(choice==1)

{

loading();

heading();

menu1();

choicebox();

}

if(choice==2)

{

end();

}}

}

void food::Menu()

{

system("cls");

string mmenu[]={"--INDIAN STREET--","--ITALIAN CUISINE--","--CHINESE CHOICE--","--DRINKS n SHAKES--",

"--GET MY BILL--","--BACK TO MAIN MENU--"};

int option;

loading();

cout<<"Here's today's menu...!! Happy ordering (^\_^) "<<endl;

cout<<"\n\n";

cout<<" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<" TODAY'S MENU "<<endl;

cout<<" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

for(int i=0; i<6; i++)

{

cout<<i+1<<">> "<<mmenu[i]<<endl;

}

cout<<"\nEnter your choice : \n";

cin>>option;

if(option>=1 && option <=6)

{

if(option==1) {loading();indian();}

else if (option == 2) {loading(); italian();}

else if (option == 3) {loading(); chinese();}

else if (option == 4) {loading(); drinks();}

else if (option == 5) {loading(); bill();}

else if (option == 6) {loading(); Welcome();}

}

else {cout<<"Invalid input!..please enter again : "; Menu();}

}

void food:: indian()

{

string Indian[] = {"PANEER TIKKA | Rs. 70/-","VEG KEBAB | Rs. 50/-",

"SAMOSA | Rs.10/-","AALU TIKKI | Rs.40/-","FRIED CHAAP | Rs.50/-"};

for(int i=0; i<5;i++)

{

cout<<">> "<<Indian[i]<<endl;

}

cout<<"Would you like to have something from the list? (y/n) ";

cin>> ans;

if(ans=='y'|| ans=='Y')

{

cout<<"Enter no. of choice(s) : ";

cin>>num[0];

for(int i=0; i<num[0]; i++)

{

cout<<"Enter choice ["<<i+1<<"] :";

cin>>ind\_item[i];

cout<<"Enter quantity : ";

cin>>ind\_q[i];

if(ind\_item[i]==1)

{

Indian[i]="PANEER TIKKA"; ind\_price[i] = 70;

ind\_tot[i] = ind\_price[i]\* ind\_q[i];

}

else if(ind\_item[i]==2)

{

Indian[i]="VEG KEBAB "; ind\_price[i] = 50;

ind\_tot[i] = ind\_price[i]\* ind\_q[i];

}

else if(ind\_item[i]==3)

{

Indian[i]="SAMOSA "; ind\_price[i] = 10;

ind\_tot[i] = ind\_price[i]\* ind\_q[i];

}

else if(ind\_item[i]==4)

{

Indian[i]="AALU TIKKI "; ind\_price[i] = 40;

ind\_tot[i] = ind\_price[i]\* ind\_q[i];

}

else if(ind\_item[i]==5)

{

Indian[i]="FRIED CHAAP "; ind\_price[i] = 50;

ind\_tot[i] = ind\_price[i]\* ind\_q[i];

}

else {cout<<"Invalid input!...please order again.."; indian();}

sum[0]+= ind\_tot[i];

}

system("cls");

cout<<"\n\nYour order is recorded :)\n\n";

for(int i=0; i<num[0]; i++)

{

cout<<i+1<<"\t\t"<<Indian[i]<<"\t\t"<<ind\_q[i]<<"\t\t"<<ind\_tot[i]<<"\n\n";

}

cout<<"your total for Indian Street is Rs."<<sum[0]<<"/-"<<endl;

cout<<"Press any key to go back ! ";

if(getch()) {Menu();}

}

else if(ans=='n'|| ans=='N')

{ Menu(); }

}

void food::italian()

{

string Italian[] = {"MAC n CHEESE Paasta |Rs.110/-","RED PAASTA |Rs.80/-",

"WHITE PAASTA |Rs.80/-","GRILLED VEG LASAGNA |Rs.100/-"};

for(int i=0; i<4;i++)

{

cout<<">> "<<Italian[i]<<endl;

}

cout<<"Would you like to have something from the list? (y/n) ";

cin>> ans;

if(ans=='y'|| ans=='Y')

{

cout<<"Enter no. of choice(s) : ";

cin>>num[1];

for(int i=0; i<num[1]; i++)

{

cout<<"Enter choice ["<<i+1<<"] :";

cin>>i\_item[i];

cout<<"Enter quantity : ";

cin>>i\_q[i];

if(i\_item[i]==1)

{

Italian[i]="MAC n CHEESE PAASTA"; i\_price[i] = 110;

i\_tot[i] = i\_price[i]\* i\_q[i];

}

else if(i\_item[i]==2)

{

Italian[i]="RED PAASTA "; i\_price[i] = 80;

i\_tot[i] = i\_price[i]\* i\_q[i];

}

else if(i\_item[i]==3)

{

Italian[i]="WHITE PAASTA "; i\_price[i] = 80;

i\_tot[i] = i\_price[i]\* i\_q[i];

}

else if(i\_item[i]==4)

{

Italian[i]="Grilled VEG Lasagna"; i\_price[i] = 100;

i\_tot[i] = i\_price[i]\* i\_q[i];

}

else {cout<<"Invalid input!...please order again.."; italian();}

sum[1]+= i\_tot[i];

}

system("cls");

cout<<"\n\nYour order is recorded :)\n\n";

for(int i=0; i<num[1]; i++)

{

cout<<i+1<<"\t\t"<<Italian[i]<<"\t\t"<<i\_q[i]<<"\t\t"<<i\_tot[i]<<"\n\n";

}

cout<<"your total for ITALIAN CUISINE is Rs."<<sum[1]<<"/-"<<"\n\n";

cout<<"Press any key to go back ! ";

if(getch()) {Menu();}

}

else if(ans=='n'|| ans=='N')

{ Menu(); }

}

void food:: chinese()

{

string Chinese[] = {"CHOWMEIN |Rs.80/-","SPRING ROLLs |Rs.50/-",

"VEG MOMOS |Rs.50/-","CHILLI POTATO |Rs.80/-","MANCHURIAN |Rs.70/-"};

for(int i=0; i<5;i++)

{

cout<<">> "<<Chinese[i]<<endl;

}

cout<<"Would you like to have something from the list? (y/n) ";

cin>> ans;

if(ans=='y'|| ans=='Y')

{

cout<<"Enter no. of choice(s) : ";

cin>>num[2];

for(int i=0; i<num[2]; i++)

{

cout<<"Enter choice ["<<i+1<<"] :";

cin>>c\_item[i];

cout<<"Enter quantity : ";

cin>>c\_q[i];

if(c\_item[i]==1)

{

Chinese[i]="CHOWMEIN "; c\_price[i] = 80;

c\_tot[i] = c\_price[i]\* c\_q[i];

}

else if(c\_item[i]==2)

{

Chinese[i]="SPRING ROLLS"; c\_price[i] = 50;

c\_tot[i] = c\_price[i]\* c\_q[i];

}

else if(c\_item[i]==3)

{

Chinese[i]="VEG MOMOS "; c\_price[i] = 50;

c\_tot[i] = c\_price[i]\* c\_q[i];

}

else if(c\_item[i]==4)

{

Chinese[i]="CHILLI POTATO"; c\_price[i] = 80;

c\_tot[i] = c\_price[i]\* c\_q[i];

}

else if(c\_item[i]==5)

{

Chinese[i]="MANCHURIAN"; c\_price[i] = 80;

c\_tot[i] = c\_price[i]\* c\_q[i];

}

else {cout<<"Invalid input!...please order again.."; italian();}

sum[2]+= c\_tot[i];

}

system("cls");

cout<<"\n\nYour order is recorded :)\n\n";

for(int i=0; i<num[2]; i++)

{

cout<<i+1<<"\t\t"<<Chinese[i]<<"\t\t"<<c\_q[i]<<"\t\t"<<c\_tot[i]<<"\n\n";

}

cout<<"your total for CHINESE is Rs."<<sum[2]<<"/-\n\n";

cout<<"Press any key to go back ! ";

if(getch()) {Menu();}

}

else if(ans=='n'|| ans=='N')

{ Menu(); }

}

void food:: drinks()

{

string Drink[] = {"BLUE\_LAGOON MOCKTAIL |Rs.50/-","HAVOI DRINK |Rs.50/-",

"CHOCO\_VANILLA SHAKE |Rs.70/-","OREO SHAKE |Rs.60/-","LEMON\_MOJITO |Rs.40/-"};

for(int i=0; i<5;i++)

{

cout<<">> "<<Drink[i]<<endl;

}

cout<<"Would you like to have something from the list? (y/n) ";

cin>> ans;

if(ans=='y'|| ans=='Y')

{

cout<<"Enter no. of choice(s) : ";

cin>>num[3];

for(int i=0; i<num[3]; i++)

{

cout<<"Enter choice ["<<i+1<<"] :";

cin>>d\_item[i];

cout<<"Enter quantity : ";

cin>>d\_q[i];

if(d\_item[i]==1)

{

Drink[i]="BlUE\_LAGOON MOCKTAIL"; d\_price[i] = 50;

d\_tot[i] = d\_price[i]\* d\_q[i];

}

else if(d\_item[i]==2)

{

Drink[i]="HAVOI DRINK "; d\_price[i] = 50;

d\_tot[i] = d\_price[i]\* d\_q[i];

}

else if(d\_item[i]==3)

{

Drink[i]="CHOCO\_VANILLA SHAKE "; d\_price[i] = 70;

d\_tot[i] = d\_price[i]\* d\_q[i];

}

else if(d\_item[i]==1)

{

Drink[i]="OREO SHAKE "; d\_price[i] = 60;

d\_tot[i] = d\_price[i]\* d\_q[i];

}

else if(d\_item[i]==1)

{

Drink[i]="LEMON\_MOJITO "; d\_price[i] = 40;

d\_tot[i] = d\_price[i]\* d\_q[i];

}

else {cout<<"Invalid input!...please order again.."; drinks();}

sum[3]+= d\_tot[i];

}

system("cls");

cout<<"\n\nYour order is recorded :)\n\n";

for(int i=0; i<num[3]; i++)

{

cout<<i+1<<"\t\t"<<Drink[i]<<"\t\t"<<d\_q[i]<<"\t\t"<<d\_tot[i]<<"\n\n";

}

cout<<"your total for DRINKS n SHAKES is Rs."<<sum[3]<<"/-\n\n";

cout<<"Press any key to go back ! ";

if(getch()) {Menu();}

}

else if(ans=='n'|| ans=='N')

{ Menu(); }

}

void food::bill()

{

char p;string add;

double Sum =0.0;

for(int i=0; i<3; i++)

{

Sum += sum[i];

}

if(Sum ==0)

{

cout<<"You haven't ordered anything yet :(\n\n Press any key to start ordering :)\n\n";

if(getch()){ Menu();}

}

cout<<"\nWe deliver your food for free...!\n\nEnter delivery address: ";getchar();getline(cin,add);

cout<<"\nYour total bill to be paid is Rs."<<Sum<<" /-\n";

cout<<"\nPress 'y' to proceed to payment and any other key to cancel the order :) : \n";

cin>> p;cout<<endl;

if(p=='y'||p=='Y')

{

payment(Sum);

Address(add);

cout<<"press any key to exit from Online Food"<<endl;

getch();

about\_us();

}

else

{

Welcome();

}

}

class casino{ //CASINO GAME

public:

void rules()

{

system("cls");

cout << "\t\t======CASHBACK NUMBER GUESSING RULES!======\n";

cout << "\t1. Choose 2 numbers between 1 to 10, if any of the 2 numbers matches the winning number you win\n";

cout << "\t2. Winner gets 10 times of the money played as cashback\n";

cout << "\t3. Wrong guess, and you lose the amount you play\n\n";

}

void cashback(){

string playerName;

int balance; // stores player's balance

int playamt;

int guess1,guess2;

int dice; // stores the random number

char choice;

srand(time(0)); // "Seed" the random generator

cout << "\n\nWhat's your Name : ";

getchar();

getline(cin,playerName);

cout << "\n\nEnter the starting balance to play game : Rs. ";

cin >> balance;

do

{

system("cls");

rules();

cout << "\n\nYour current balance is Rs. " << balance << "\n";

// Get player's betting balance

do

{

cout << "Hey, " << playerName<<", enter amount to play : Rs ";

cin >> playamt;

if(playamt > balance)

cout << "Cashback Amount can't be more than current balance!\n"

<<"\nRe-enter balance\n ";

}while(playamt > balance);

// Get player's numbers

do

{

cout << "Guess 2 numbers between 1 & 10 :"<<endl;

cin >>guess1;

cin>>guess2;

if((guess1 <= 0 || guess1 > 10)&&(guess2 <= 0 || guess2 > 10))

cout << "\nNumber should be between 1 to 10\n"

<<"Re-enter number:\n ";

}while((guess1 <= 0 || guess1 > 10)&&(guess2 <= 0 || guess2 > 10));

dice = rand()%10 + 1;

if((dice == guess1)||(dice==guess2))

{

cout << "\n\nYou are in luck!! You have won Rs." << playamt \* 10<<" Cashback";

balance = balance + playamt \* 10;

}

else

{

cout << "\n\nOops, better luck next time !! You lost Rs. "<< playamt <<"\n";

balance = balance - playamt;

}

cout << "\nThe winning number was : " << dice <<"\n";

cout << "\n"<<playerName<<", You have balance of Rs. " << balance << "\n";

if(balance == 0)

{

cout << "You have no money to play ";

break;

}

cout << "\n\nDo you want to play again (y/n)? ";

cin >> choice;

}while(choice =='Y'|| choice=='y');

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

cout << "\n\nThanks for playing the game. Your balance is Rs. " << balance << "\n\n";

} };

void choicebox()

{ int c,choice;

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

for(int i=0;i<25;i++)

cout<<"\*";

cout<<"\n\t\t\t\t"<<" ENTER YOUR CHOICE(1-6) : ";

cin>>c;

if(c==1) //ELECTRICITY BILL

{loading();

cout<<" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<" ELECTRICITY BILL "<<endl;

cout<<" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

EleBill o;//create object for class EleBill

o.get();//Call the get() method using object

o.printAmount(); //Call the printAmount() method using object

cout<<"\n\n\nENTER YOUR CHOICE "<<endl;

cout<<"1. BACK TO MAIN MENU!!"<<endl;

cout<<"2. EXIT"<<endl;

cin>>choice;

if(choice==1)

{

loading();

heading();

menu1();

choicebox();

}

if(choice==2)

{

end();

}}

else if(c==2)

{loading();

cout<<" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<" CASHBACK GAMING "<<endl;

cout<<" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

casino cas;

cas.cashback();

cout<<"\n\n\nENTER YOUR CHOICE "<<endl;

cout<<"1. BACK TO MAIN MENU!!"<<endl;

cout<<"2. EXIT"<<endl;

cin>>choice;

if(choice==1)

{

system("cls");

heading();

menu1();

choicebox();

}

if(choice==2)

{

end();

}}

else if(c==3) //GROCERY CALLING

{

loading();

Grocery g;

g.grocery();

cout<<"\n\n\nENTER YOUR CHOICE "<<endl;

cout<<"1. BACK TO MAIN MENU!!"<<endl;

cout<<"2. EXIT"<<endl;

cin>>choice;

if(choice==1)

{

system("cls");

heading();

menu1();

choicebox();

}

if(choice==2)

{

end();

}}else if(c==4) //MOBILE RECHARGE

{ loading();

cout<<" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<" MOBILE RECHARGE "<<endl;

cout<<" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

mobile mob;

int d=mob.print();

payment(d);

cout<<"\n\n\nENTER YOUR CHOICE "<<endl;

cout<<"1. BACK TO MAIN MENU!!"<<endl;

cout<<"2. EXIT"<<endl;

cin>>choice;

if(choice==1)

{

system("cls");

heading();

menu1();

choicebox();

}

if(choice==2)

{

end();

}}

else if(c==5)

{

loading();

cout<<" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<" Welcome to Quickzz KITCHEN "<<endl;

cout<<" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

food f;

f.Welcome();

f.Menu();

cout<<"\n\n\nENTER YOUR CHOICE "<<endl;

cout<<"1. BACK TO MAIN MENU!!"<<endl;

cout<<"2. EXIT"<<endl;

cin>>choice;

if(choice==1)

{

system("cls");

heading();

menu1();

choicebox();

}

if(choice==2)

{

end();

}}

else

{

loading();

end();}

}

int main()

{

cout<<"LOADING";

for(int j=0;j<11;j++)

{

load(9999999);

cout<<" .";}

system("cls");

int a,b,c,e;

double d;

mainscr m;

a=m.print();

switch(a)

{

case 1:b=m.login();

if(b==1)

{

heading();

menu1();

choicebox();}

break;

case 2:m.changepass();

cout<<endl<<endl;

loading();

cout<<"\nYOU CAN NOW LOGIN WITH THE PASSWORD CHANGES MADE"<<endl<<endl;

b=m.login();

if(b==1)

{

heading();

menu1();

choicebox();}

break;

default:cout<<"Invalid Choice...Try Again!"<<endl;

main();

break;

}

return 0;

}

void menu()

{

int choice;

cout<<"\nPress 0 to Exit Paytm\nPress 1 for main menu\nChoice: ";

cin>>choice;

switch(choice)

{

case 0:exit(0);

break;

case 1:main();

break;

default:cout<<"Invalid Choice...Try Again..."<<endl;

menu();

break;

}

}