#include<conio.h>

#include<iostream>

#include<string>

using namespace std;

class atm

{

private:

long int account\_no;

string name;

int pin;

double balance;

string mobile\_no;

public:

void setdata(long int account\_no\_a, string name\_a, int pin\_a,double balance\_a, string mobile\_no\_a)

{

account\_no=account\_no\_a;

name= name\_a;

pin=pin\_a;

balance=balance\_a;

mobile\_no=mobile\_no\_a;

}

long int getaccountno()

{

return account\_no;

}

string getname()

{

return name;

}

int getpin()

{

return pin;

}

double getbalance()

{

return balance;

}

string getmobileno()

{

return mobile\_no;

}

void setmobile(string mob\_prev,string mob\_new)

{

if(mob\_prev == mobile\_no)

{

mobile\_no=mob\_new;

cout<<endl<<"Successfully updated mobile number.";

\_getch();

}

else

{

cout<<endl<<"Incorrect.. Old mobile number";

}

}

void cashwithdraw(int amount\_a)

{

if(amount\_a>0 && amount\_a<balance)

{

balance=amount\_a-balance;

cout<<endl<<"Please collect your cash";

cout<<endl<<"Available balance:"<<balance;

\_getch();

}

else{

cout<<endl<<"Invalid input or insufficient balance";

\_getch();

}

}

};

int main()

{

int choice=0,enterpin;

long int enteraccountno;

system("cls");

atm user1;

user1.setdata(1234567,"Tim",1111,45000.90,"9087654321");

do{

system("cls");

cout<<endl<<"Hii welcome to ATM"<<endl;

cout<<endl<<"Enter your account number";

cin>>enteraccountno;

cout<<endl<<"Enter PIN:";

cin>>enterpin;

if((enteraccountno==user1.getaccountno()) && (enterpin==user1.getpin()))

{

do

{

int amount=0;

string oldmobileno, newmobileno;

system("cls");

cout<<endl<<"\*\*\*\*\*\*\*Welcome to ATM\*\*\*\*\*\*\*"<<endl;

cout<<endl<<"Select option";

cout<<endl<<"1.Check Balance";

cout<<endl<<"2.Cash withdraw";

cout<<endl<<"3.Show user Details";

cout<<endl<<"4.Update Mobile number";

cout<<endl<<"5. Exit"<<endl;

cin>>choice;

switch(choice)

{

case 1:

cout<<endl<<"Your bank balance is:"<<user1.getbalance();

\_getch();

break;

case 2:

cout<<endl<<"Enter the amount:";

cin>>amount;

user1.cashwithdraw(amount);

break;

case 3:

cout<<endl<<"\*\*\*\*User details are:";

cout<<endl<<"--- Account number"<<user1.getaccountno();

cout<<endl<<"--- Name "<<user1.getname();

cout<<endl<<"---Balance"<<user1.getbalance();

cout<<endl<<"---Mobile number"<<user1.getmobileno();

\_getch();

break;

case 4:

cout<<endl<<"Enter old mobile number";

cin>>oldmobileno;

cout<<endl<<"Enter new mobile mobile number";

cin>>newmobileno;

user1.a=setmobile(oldmobileno,newmobileno);

break;

case 5:

exit(0);

default:

cout<<endl<<"Enter valid data...";

}

}while(1);

}

else{

cout<<endl<<"User details are invalid...";

\_getch();

}

}while(1);

return 0;

}