TITLE:BANK ACCOUNT

NAME:A.NISHINTHA

CLASS:CSE-C

#include<iostream>

using namespace std;

class bankaccount

{

private:

string accountholder;

double balance;

public:

bankaccount(string holder,double initialbalance=0)

{

accountholder=holder;

balance=initialbalance;

}

void deposit(double amount)

{

if(amount>0)

{

balance+=amount;

cout<<"Deposited Rs"<<amount<<".Newbalance:Rs"<<balance<<endl;

}

else

{

cout<<"Invalid Deposit Amount."<<endl;

}

}

void withdraw(double amount)

{

if(amount>0 && amount<=balance)

{

balance-=amount;

cout<<"Withdrawn Rs"<<amount<<".Newbalance:Rs"<<balance<<endl;

}

else

{

cout<<"Invalid Withdrawal Amount."<<endl;

}

}

void getBalance()

{

cout<<"Balance for "<<accountholder<<":Rs"<<balance<<endl;

}

};

int main()

{

string accountholder;

double initialbalance;

cout<<"Enter accountHolder's name:";

cin>>accountholder;

cout<<"Enter initial balance:Rs";

cin>>initialbalance;

bankaccount account(accountholder,initialbalance);

double depositamount,withdrawamount;

cout<<"Enter Deposit Amount:Rs";

cin>>depositamount;

account.deposit(depositamount);

cout<<"Enter Withdrawl Amount:Rs";

cin>>withdrawamount;

account.withdraw(withdrawamount);

account.getBalance();

return 0;

}

OUTPUT:

