using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace WindowsFormsApp1

{

public partial class Form1 : Form

{

public class SavingsAccount

{

string AccountNo, AccountHolder;

double BalanceAccount, InterestRate;

internal void OpenAccount(string name, string number, double amount)

{

AccountHolder = name;

AccountNo = number;

BalanceAccount = amount;

}

public void Credit(double amount)

{

BalanceAccount += amount;

}

public void Debit(double amount)

{

BalanceAccount -= amount;

}

public void ShowBalance()

{

MessageBox.Show("your balance is Rs." + BalanceAccount);

}

public void ApplyInterest()

{

BalanceAccount += BalanceAccount \* InterestRate;

}

internal void ShowAccount()

{

MessageBox.Show("Account Holder's Name: " + AccountHolder);

MessageBox.Show("Account Number: " + AccountNo);

}

protected internal void closeAccount()

{

AccountHolder = " ";

AccountNo = " ";

BalanceAccount = 0;

MessageBox.Show("your account has been closed permanently");

}

}

public Form1()

{

InitializeComponent();

}

private void Form1\_Load(object sender, EventArgs e)

{

SavingsAccount s\_Acc = new SavingsAccount();

s\_Acc.OpenAccount("Mukesh", "12345678910", 500.0);

s\_Acc.Credit(2000);

s\_Acc.Debit(1000);

s\_Acc.ShowBalance();

s\_Acc.ApplyInterest();

s\_Acc.ShowAccount();

}

private void Form2\_Load(object sender, EventArgs e)

{

SavingsAccount s2\_Acc = new SavingsAccount();

s2\_Acc.OpenAccount("Suresh", "5555222111", 1000.0);

s2\_Acc.Credit(2000);

s2\_Acc.Debit(1500);

s2\_Acc.ShowBalance();

s2\_Acc.ApplyInterest();

s2\_Acc.ShowAccount();

}

}

}