

MOUNT CARMEL COLLEGE **AUTONOMOUS**



(Affiliated to Bengaluru Central University)
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(560 052)

RECORD OF PRACTICAL WORK

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REGISTER NO: MS194412

CLASS/COMBINATION: II BCA (3rd Semester)

DOMAIN: ATM in Banking Domain

YEAR: 2020 - 2021

SUBMISSION DATE: 21.12.2020

LECTURER IN CHARGE: Sushma Margaret

BANKING DOMAIN

PROBLEM STATEMENT:

Creating something similar to ATM ,restricting to five forms .

CODE:

Form 2:

```
Public Class Form2

Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick
    ProgressBar1.Increment(1)
    If ProgressBar1.Value = ProgressBar1.Maximum Then
        ProgressBar1.Value = 0
        Timer1.Stop()
        ProgressBar1.Hide()
        Form1.Show()
    End If
End Sub

Private Sub Form2_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    Timer1.Start()
End Sub
End Class
```

Form1:

```
Imports System.Data.SqlClient
Public Class Form1
    Public con As SqlConnection
    Public cmd As SqlCommand
    Public dr As SqlDataReader
    Public da As SqlDataAdapter
    Dim ds As New DataSet
    Dim sql As String
    Dim maxrows As Integer
    Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        con = New SqlConnection("Data Source = DESKTOP-2MC5PLE; Initial Catalog = atm;Integrated Security=True")
        'MsgBox("Connection Established")
        con.Open()
        sql = "Select * from Login"
        da = New SqlDataAdapter(sql, con)
        da.Fill(ds, "atm")
        maxrows = ds.Tables("atm").Rows.Count
    End Sub
    Private Sub Button_clear_Click_1(sender As Object, e As EventArgs) Handles Button_clear.Click
        TextBox1.Clear()
    End Sub
End Class
```

```

Private Sub Button_cancel_Click(sender As Object, e As EventArgs) Handles
Button_cancel.Click
    Form3.Show()
    Me.Close()
    Application.Exit()
End Sub

Private Sub Button_ok_Click(sender As Object, e As EventArgs) Handles Button_ok.Click
    Dim searchID, i, currentrow As Integer
    searchID = TextBox1.Text
    i = 0
    While i <> maxrows
        If searchID = ds.Tables("atm").Rows(i)("pin_no") Then
            Me.Close()
            Form4.Label4.Text = ds.Tables("atm").Rows(i)("acc_no")
            Form4.Label5.Text = ds.Tables("atm").Rows(i)("name")
            Form5.Label7.Text = ds.Tables("atm").Rows(i)("acc_no")
            Form5.Label6.Text = ds.Tables("atm").Rows(i)("name")
            Form6.Label4.Text = ds.Tables("atm").Rows(i)("acc_no")
            Form6.Label5.Text = ds.Tables("atm").Rows(i)("name")
            Form4.Show()
            Exit While

            ElseIf i = maxrows - 1 Then
                MsgBox("INVALID PIN Number !!")
                Exit While

            End If
            i += 1
        End While
        currentrow = i
    End Sub

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    TextBox1.Text = TextBox1.Text + "1"
End Sub

Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
    TextBox1.Text = TextBox1.Text + "2"
End Sub

Private Sub Button3_Click(sender As Object, e As EventArgs) Handles Button3.Click
    TextBox1.Text = TextBox1.Text + "3"
End Sub

Private Sub Button4_Click(sender As Object, e As EventArgs) Handles Button4.Click
    TextBox1.Text = TextBox1.Text + "4"
End Sub

Private Sub Button5_Click(sender As Object, e As EventArgs) Handles Button5.Click
    TextBox1.Text = TextBox1.Text + "5"
End Sub

Private Sub Button6_Click(sender As Object, e As EventArgs) Handles Button6.Click
    TextBox1.Text = TextBox1.Text + "6"
End Sub

Private Sub Button7_Click(sender As Object, e As EventArgs) Handles Button7.Click

```

```

        TextBox1.Text = TextBox1.Text + "7"
    End Sub

    Private Sub Button8_Click(sender As Object, e As EventArgs) Handles Button8.Click
        TextBox1.Text = TextBox1.Text + "8"
    End Sub

    Private Sub Button9_Click(sender As Object, e As EventArgs) Handles Button9.Click
        TextBox1.Text = TextBox1.Text + "9"
    End Sub

    Private Sub Button10_Click(sender As Object, e As EventArgs) Handles Button10.Click
        TextBox1.Text = TextBox1.Text + "0"
    End Sub

    Private Sub HELPToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles
HELPToolStripMenuItem.Click
        MsgBox("Contact @999***9999")
    End Sub

End Class

```

Form 1:

```

Public Class Form3

    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
        Form2.Show()
    End Sub

End Class

```

Form 4:

```

Imports System.Data.SqlClient
Public Class Form4
    Public con As SqlConnection
    Public cmd As SqlCommand
    Public dr As SqlDataReader
    Public da As SqlDataAdapter
    Dim ds As New DataSet
    Dim maxrows As Integer
    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
        MsgBox("Form for showing Balance will be added soon.")
    End Sub

    Private Sub Form4_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        con = New SqlConnection("Data Source = DESKTOP-2MC5PLE; Initial Catalog =
atm;Integrated Security=True")
        'MsgBox("Connection Established")
        con.Open()
    End Sub

```

```

Private Sub Button3_Click(sender As Object, e As EventArgs) Handles Button3.Click
    MsgBox("Form for changing pin will be added soon .")
End Sub

Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
    Form6.Show()
End Sub

Private Sub EXITToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles
EXITToolStripMenuItem.Click
    Me.Close()
    Application.Exit()

End Sub

End Class

```

Form 5:

```

Public Class Form5

    Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
        Form3.Show()
        Me.Close()
    End Sub

    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
        MsgBox("Amount deducted from your Account !")
    End Sub
End Class

```

Form 6:

```

Public Class Form6

    Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
        Form5.Show()
        Me.Close()
    End Sub

    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
        Form5.Show()
        Me.Close()
    End Sub
End Class

```

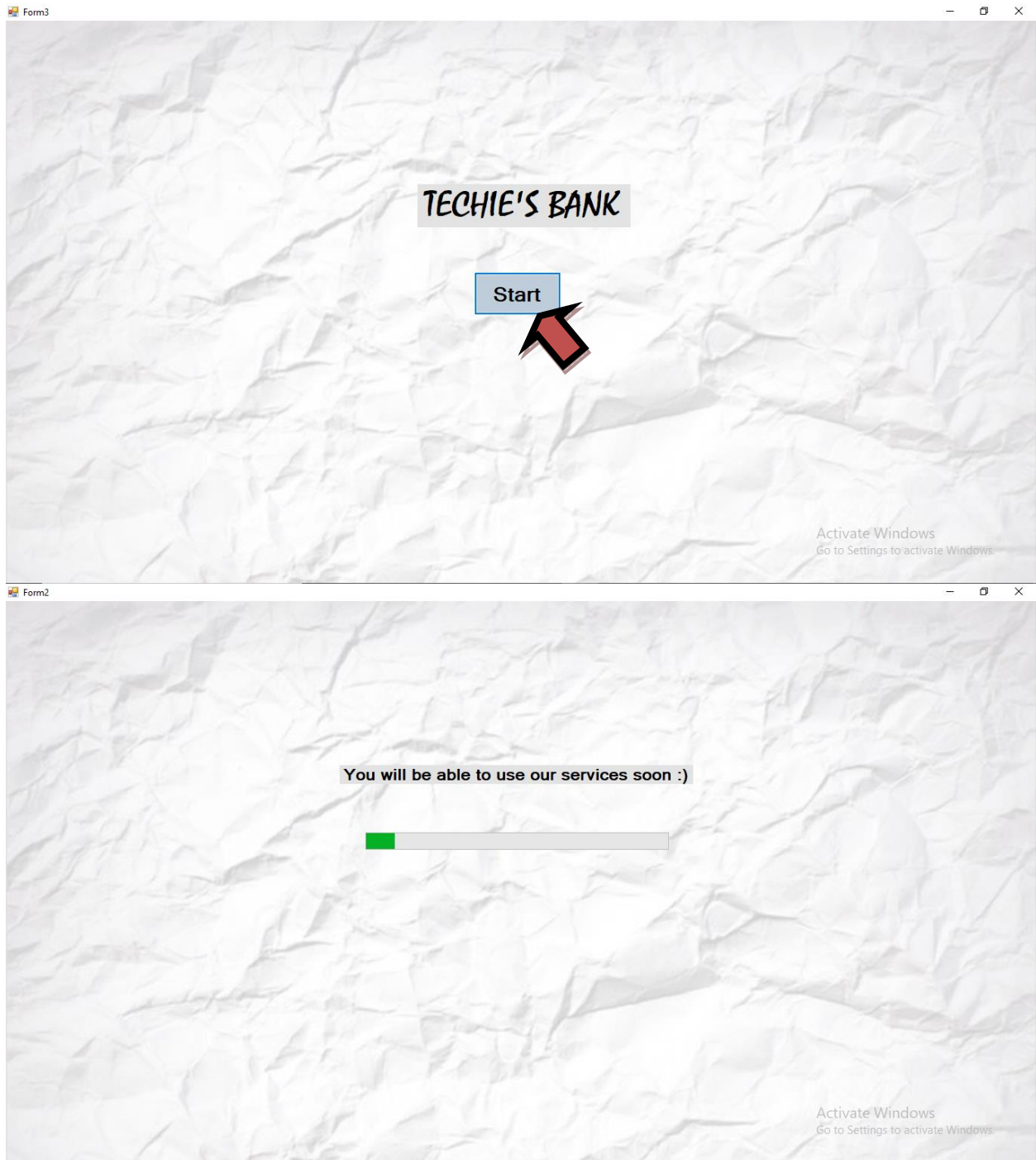
SQL QUERY :

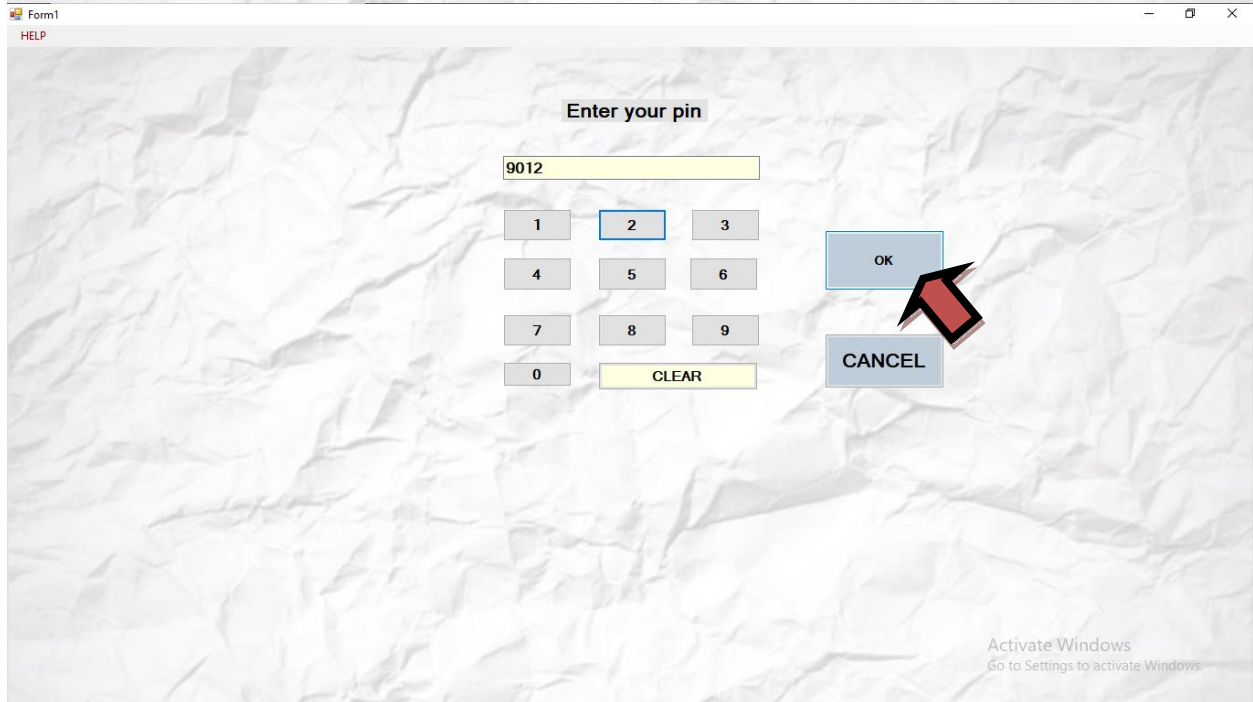
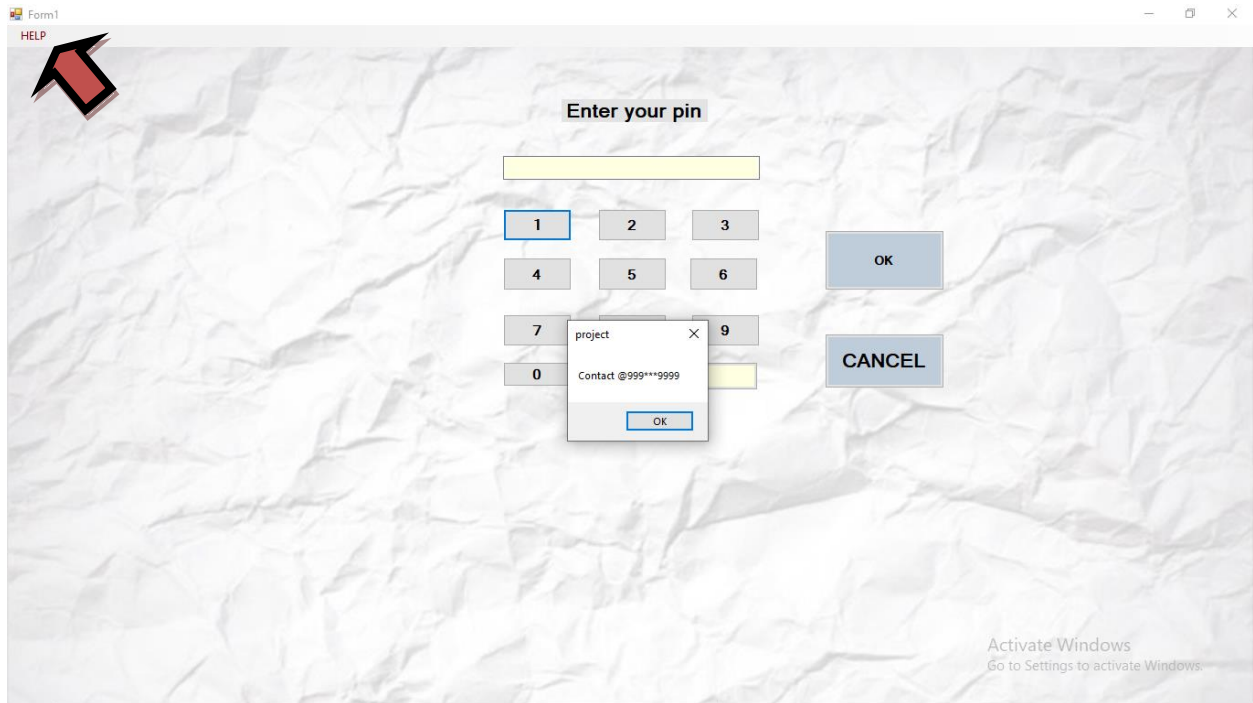
```
create table Login(pin_no int, acc_no int, name char(40), balance int)
insert into Login values(1234,111, 'Asha', 11000)
insert into Login values(2345,325, 'Asha', 23456)
insert into Login values(3456,756, 'denny', 46563)
insert into Login values(4567,575, 'ken', 56356)
insert into Login values(5678,222, 'Kenn', 11000)
insert into Login values(6789,223, 'dishu', 98989)
insert into Login values(7890,224, 'sammi', 91000)
insert into Login values(8901,225, 'ketan', 6795687)
insert into Login values(9012,333, 'Denny', 11000)
insert into Login values(1470,444, 'Pihu', 11000)
insert into Login values(2580,555, 'Agrima', 11000)
insert into Login values(3690,666, 'Arushi', 11000)
insert into Login values(1111,777, 'Ayushri', 16000)
insert into Login values(2222,728, 'daizy', 1111)
insert into Login values(3333,567, 'Louis', 2345)
insert into Login values(4444,888, 'Lewis', 4776)
insert into Login values(5555,646, 'gucci', 3333)
insert into Login values(6666,967, 'parada', 9047)
insert into Login values(7777,343, 'tommy', 7465)
insert into Login values(8888,636, 'elena', 798749)
insert into Login values(9999,434, 'demon', 6584)
insert into Login values(0000,234, 'stefan', 5664676)
insert into Login values(8989,123, 'won injae', 98777)
```

```
Select * from Login
```

OUTPUT:

TYPE 1:





TECHIE'S BANK

WELCOME Denny ACC. NO. 333


PLEASE SELECT A TRANSACTION

Balance

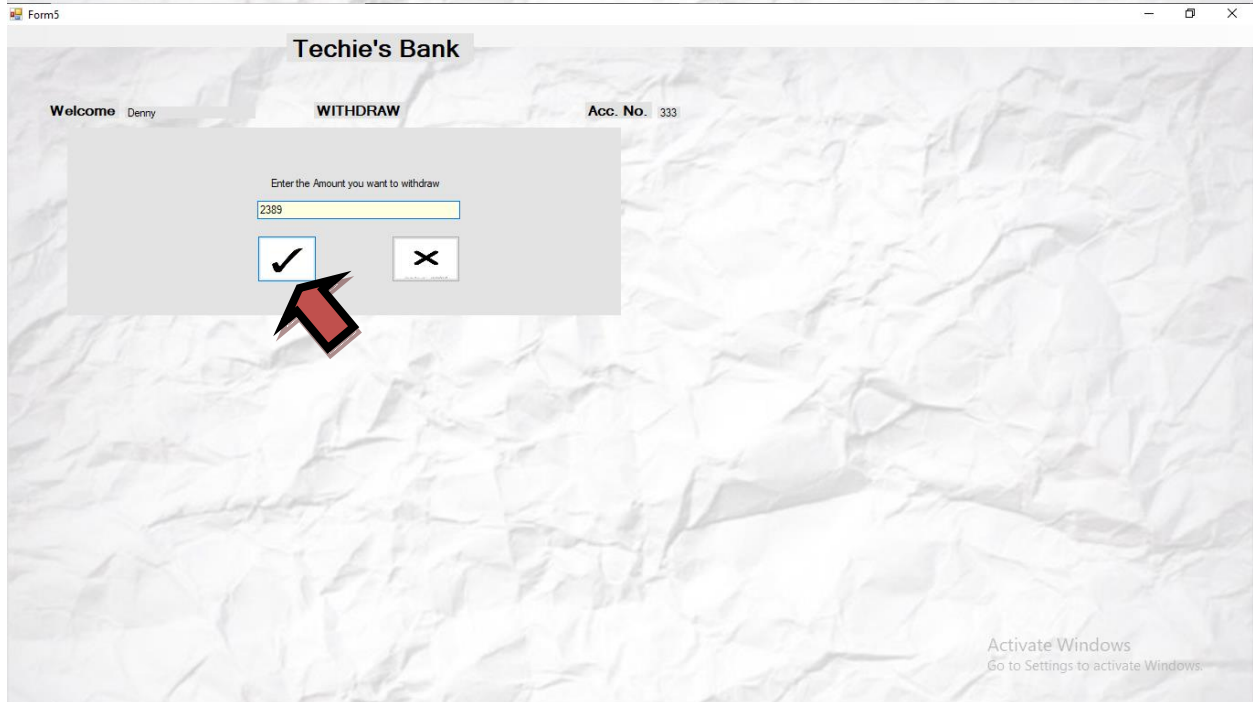
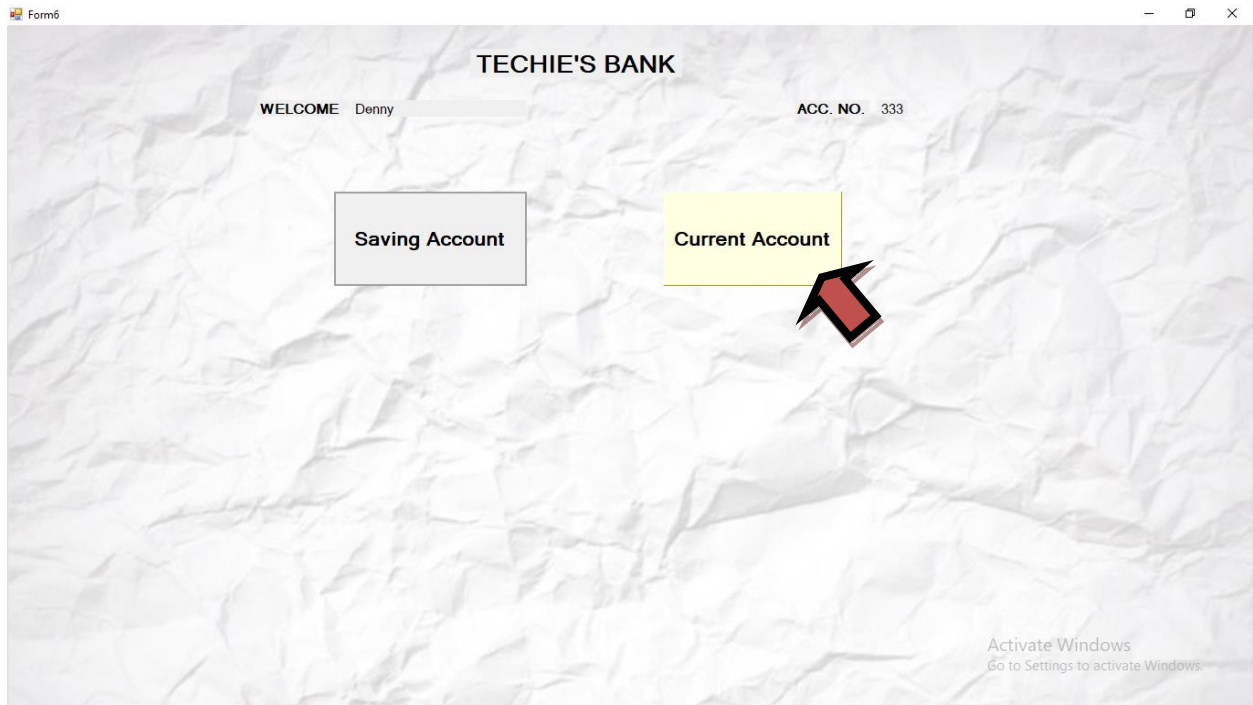
Withdraw

PIN Change

Enter pin you want



Activate Windows
Go to Settings to activate Windows.



Techie's Bank

Welcome Denny

WITHDRAW

Acc. No. 333

Enter the Amount you want to withdraw

2389

☒ ☐

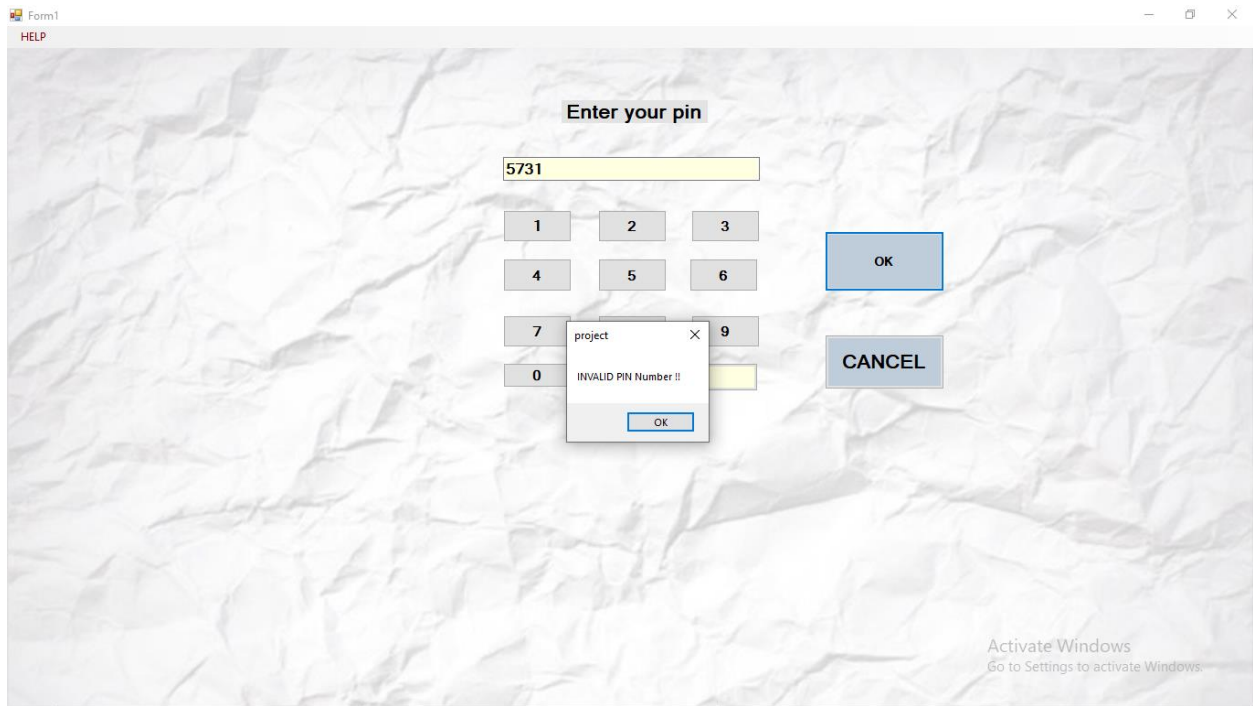
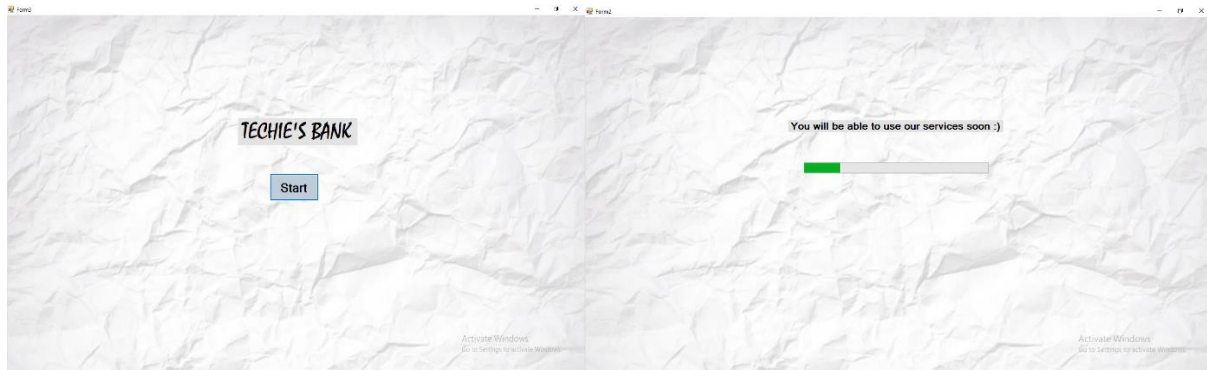
project

Amount deducted from your Account !

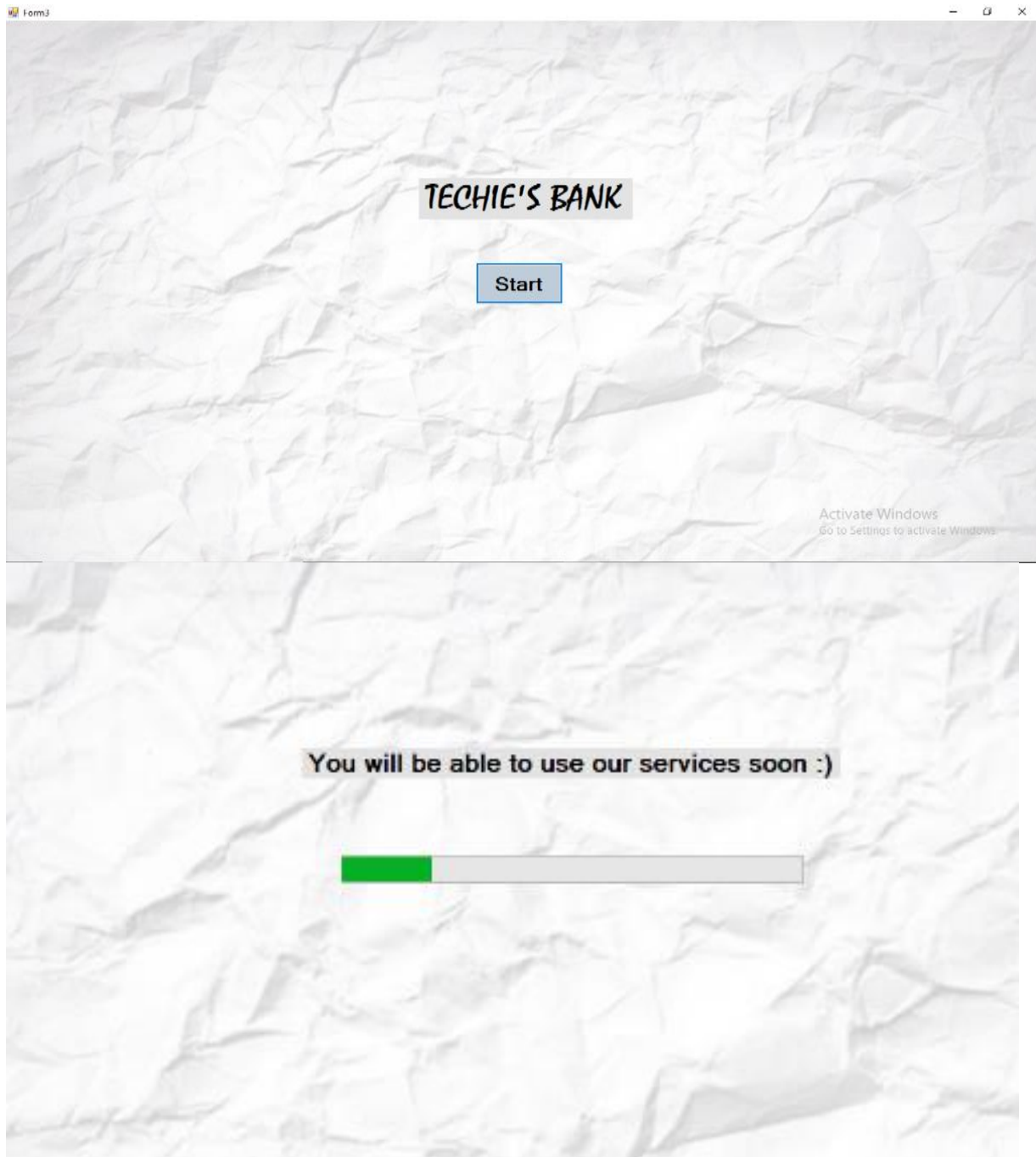
OK

Activate Windows
Go to Settings to activate Windows.

TYPE 2:



TYPE 3:



Form1

HELP

Enter your pin

2345

1 2 3

4 5 6

7 8 9

0 CLEAR

OK

CANCEL

Activate Windows
Go to Settings to activate Windows.

Form4

EXIT

TECHIE'S BANK

WELCOME Asha

ACC. NO. 325

PLEASE SELECT A TRANSACTION

Balance Withdraw PIN Change

Enter pin you want

project

Form for showing Balance will be added soon.

OK

Activate Windows
Go to Settings to activate Windows.

Form4
EXIT

TECHIE'S BANK

WELCOME Asha

ACC. NO. 325

PLEASE SELECT A TRANSACTION

Balance Withdraw PIN Change

Enter pin you want
1223

project
Form for changing pin will be added
OK

Activate Windows
Go to Settings to activate Windows.

Form4
EXIT

TECHIE'S BANK

WELCOME Asha

ACC. NO. 325

PLEASE SELECT A TRANSACTION

Balance Withdraw PIN Change

Enter pin you want

Activate Windows
Go to Settings to activate Windows.

Form6

TECHIE'S BANK

WELCOME Asha

ACC. NO. 325

Saving Account

Current Account

Activate Windows
Go to Settings to activate Windows.

Form5

Techie's Bank

Welcome Asha

WITHDRAW

Acc. No. 325

Enter the Amount you want to withdraw

789

☒ ☐

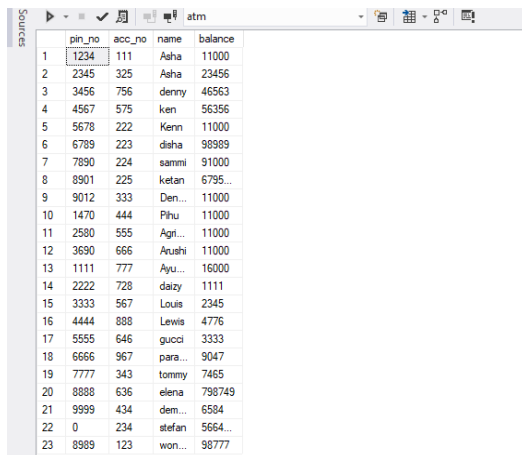
project

Amount deducted from your Account !

OK

Activate Windows
Go to Settings to activate Windows.

SQL Database:



	pin_no	acc_no	name	balance
1	1234	111	Asha	11000
2	2345	325	Asha	23456
3	3456	756	denny	46563
4	4567	575	ken	56356
5	5678	222	Kenn	11000
6	6789	223	disha	98989
7	7890	224	sammi	91000
8	8901	225	ketan	6795...
9	9012	333	Den...	11000
10	1470	444	Pihu	11000
11	2580	555	Agri...	11000
12	3690	666	Arushi	11000
13	1111	777	Ayu...	16000
14	2222	728	daizy	1111
15	3333	567	Louis	2345
16	4444	888	Lewis	4776
17	5555	646	gucci	3333
18	6666	967	para...	9047
19	7777	343	tommy	7465
20	8888	636	elena	798749
21	9999	434	dem...	6584
22	0	234	stefan	5664...
23	8989	123	won...	98777

-----END-----

-----THANK YOU 😊