KARPAGAM ACADEMY OF HIGHER EDUCATION
(Deemed University Established Under Section 3 of UGC Act 1956)
Coimbatore - 641021.
(For the candidates admitted from 2016 onwards)
DEPARTMENT OF COMMERCE

Semester V

SYLLABUS

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15CCU511 VISUAL BASIC

1. Write VB Program to perform the text manipulation using alignment and format function
2. Write VB Program to find the given is Prime or not
3. Write VB Program to calculate the simple interest and compound interest
4. Write VB Program to compute the total marks and display the results of a student in the exams
5. Write VB Program to calculate the Quadratic Equation
6. Write VB Program for performing String Operations
7. Write VB Program to implement the calculator
8. Write VB Program to perform File Menu Operation
9. Write VB Program to implement flex grid
10. Write VB Program to present product details like purchase, sales, profit etc., by declaring array functions and present details in a Rich Text Book Box (RTF)
11. Write VB Program to implement Employee Details using ADO
12. Write VB Program to implement pay slip for an organization and create a database using SQL and ADO Control
13. Write VB Program to create a bank customer database by declaring simple array and multiple arrays using ADO Control
14. Write VB Program to display tree view and list view of folders and files from a directory of an organization
15. Write VB Program to implement the Animated Dice.

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DEPARTMENT OF COMMERCE

SUBJECT : PRACTICAL VISUAL BASIC
SEMESTER : V
SUBJECT CODE: 15CCU511 **CLASS : III B.COM CA**

Exp. No. 1. Text Manipulation Using Alignment and Format Function

Aim:

To Write VB Program to perform the text manipulation using alignment and format function

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as Label, TextBox, Command Buttons etc., Properties and components.

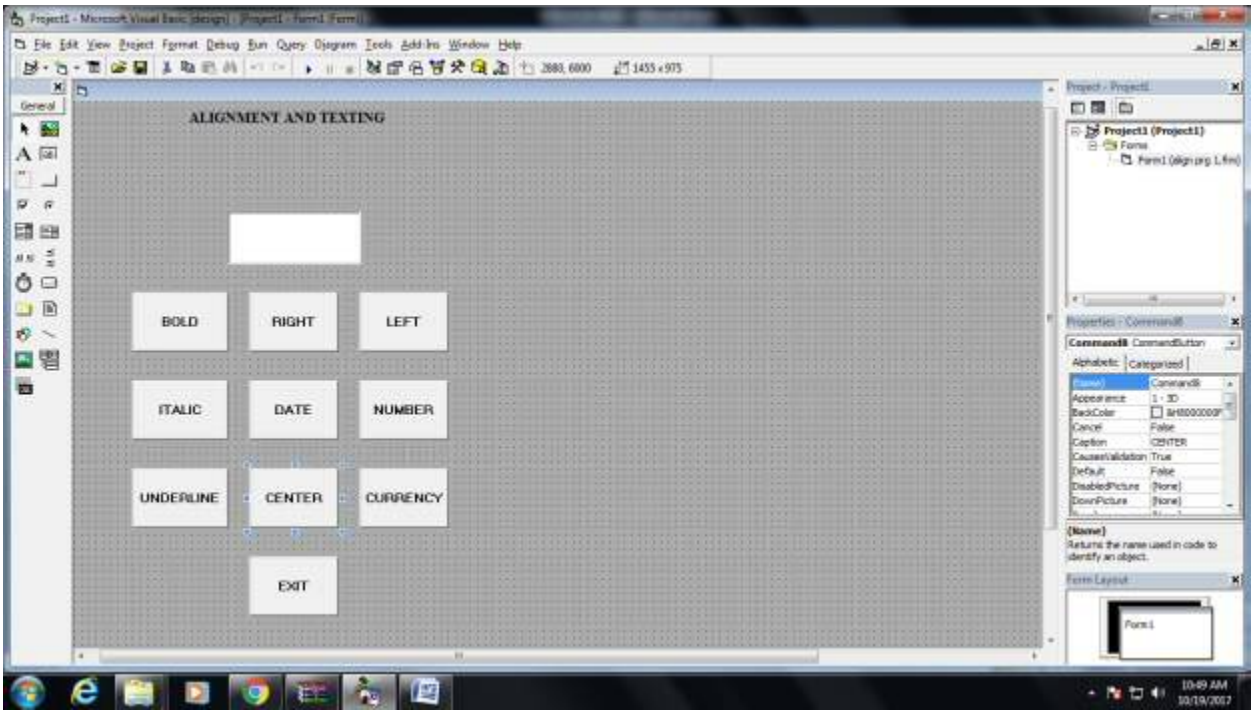
Step 6: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 7: Save the forms, projects and Run the program.

Step 8: Check the results.

Step 9: Stop the Process.

Design Form


ALIGNMENT AND TEXTING
BOLD
RIGHT
LEFT
ITALIC
DATE
NUMBER
UNDERLINE
CENTER
CURRENCY
EXIT

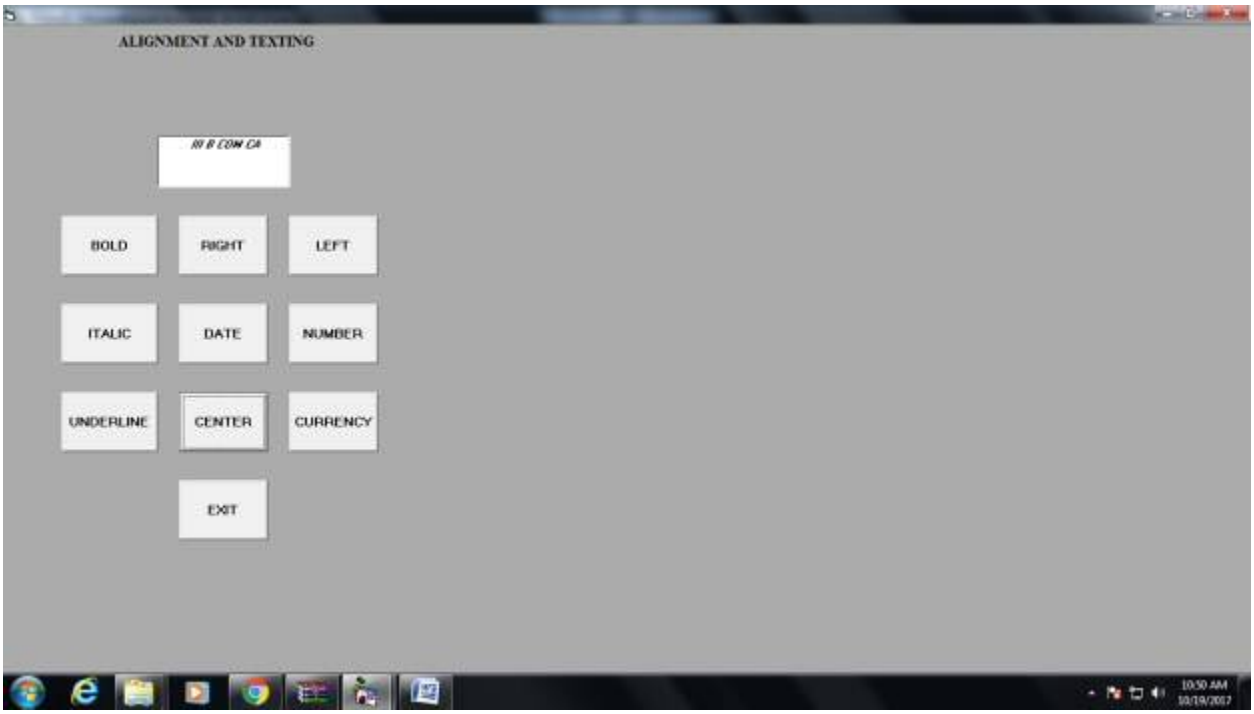
Coding:

```
Private Sub Command10_Click()
End
End Sub
Private Sub Command2_Click()
Text1.Alignment = 0
End Sub
Private Sub Command3_Click()
Text1.Alignment = 1
End Sub
Private Sub Command4_Click()
Text1.FontItalic = True
End Sub
Private Sub Command5_Click()
Text1.Text = Format(Now, "short date")
End Sub
Private Sub Command6_Click()
Text1.Text = Format(Val(Text1.Text), "1234")
End Sub
Private Sub Command7_Click()
Text1.FontUnderline = True
End Sub
Private Sub Command8_Click()
Text1.Alignment = 2
End Sub
Private Sub Command9_Click ()
```

Text1.Text = Format (Val (Text1.Text), "###$$")

End Sub

Output Form:



Result: Thus the above program has been completed successfully and output was verified

Exp. No. 2. Write a Visual Basic Program to find the given number is Prime or not

Aim:

To Write Visual Basic Program to find the given number is Prime or not

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as Label, TextBox, Command Buttons etc., Properties and components.

Step 6: Write a formula to find the given number is prime or not

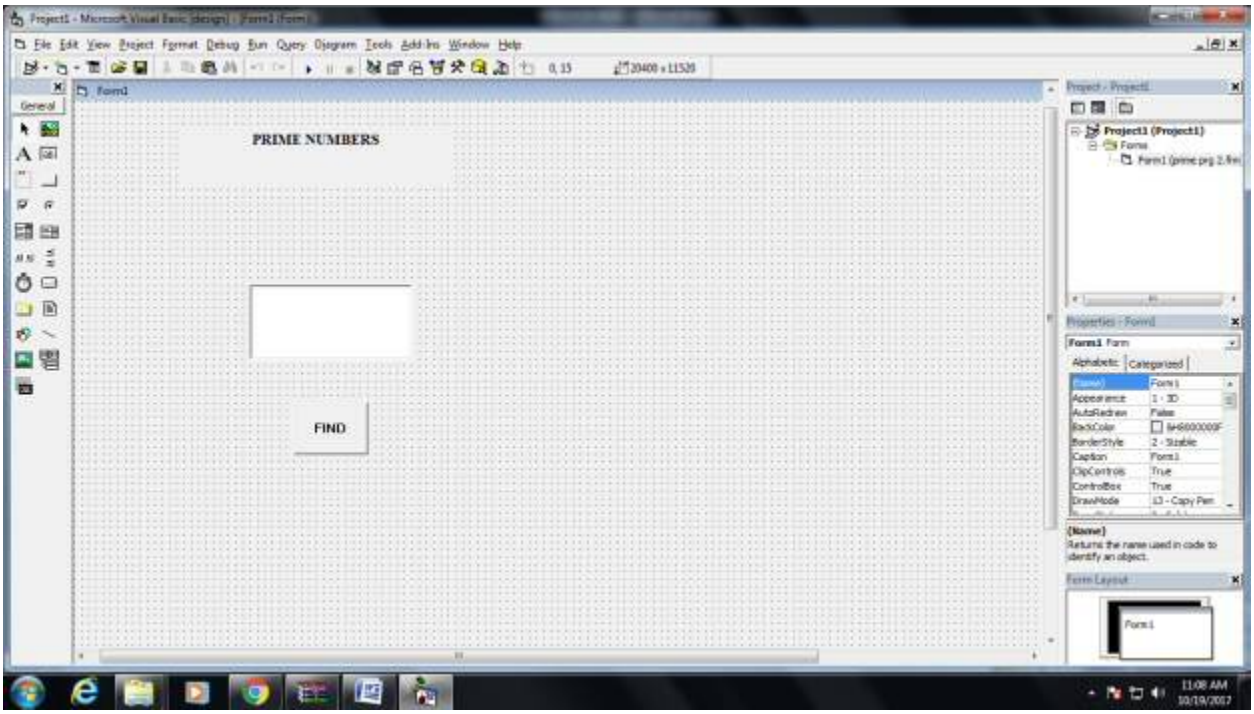
Step 7: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 8: Save the forms, projects and Run the program.

Step 9: Check the results.

Step 10: Stop the Process.

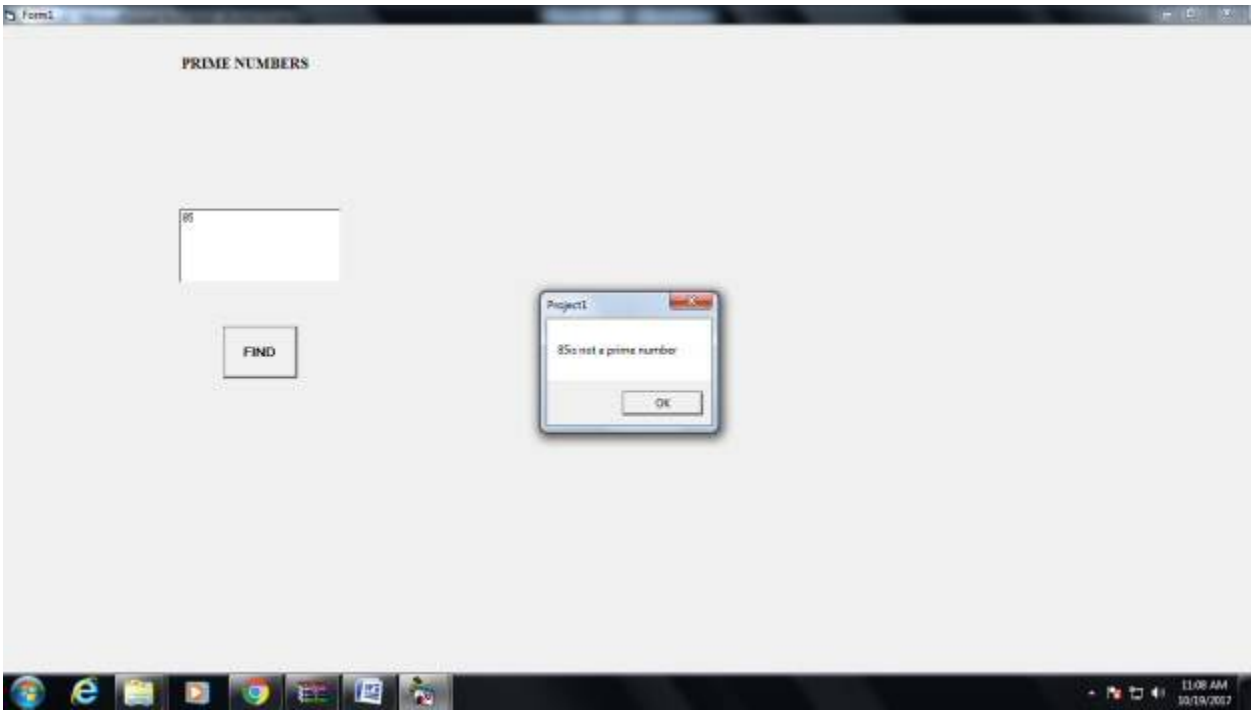
Design Form



Coding:

```
Private Sub Command1_Click()
Dim i, j As Integer
Dim t As Boolean
i = Text1.Text
t = True
For j = 2 To (i - 1)
If i Mod j = 0 Then
t = False
Exit For
End If
Next j
If t Then
MsgBox (i & "is a prime number")
Else
MsgBox (i & "is not a prime number")
End If
End Sub
```

Output Form



Result: Thus the above program has been completed successfully and output was verified

Exp. No. 3. Write VB Program to calculate the simple interest and compound interest

Aim:

To Write VB Program to calculate the simple interest and compound interest

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as Label, TextBox, Command Buttons etc., Properties and components.

Step 6: Write a formula to calculate the simple interest and compound interest.

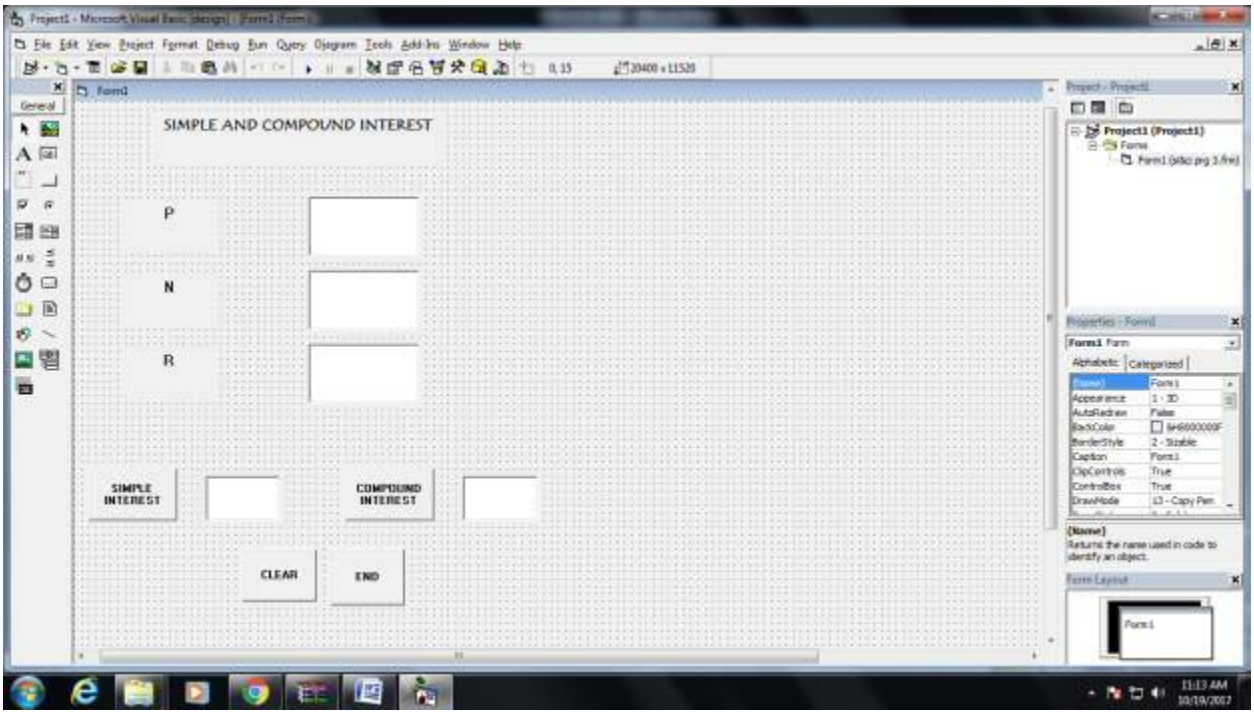
Step 7: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 8: Save the forms, projects and Run the program.

Step 9: Check the results.

Step 10: Stop the Process.

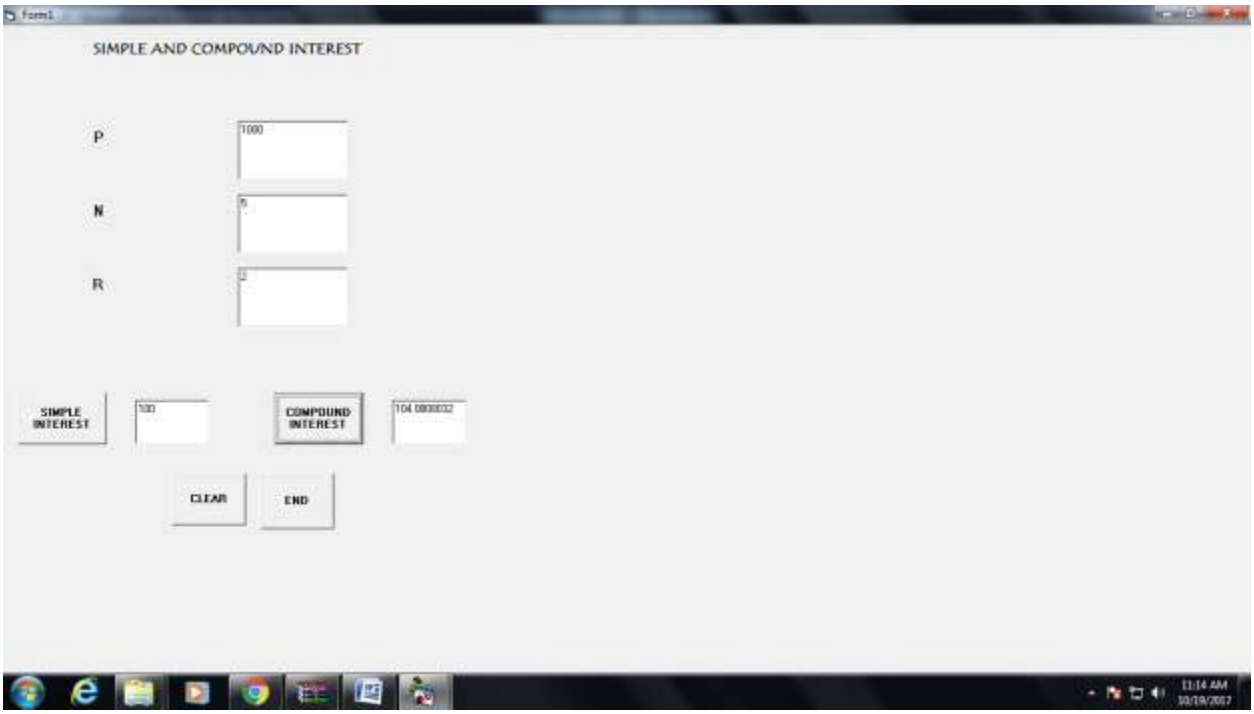
Design Form:


SIMPLE AND COMPOUND INTEREST
P
N
R
SIMPLE INTEREST
COMPOUND INTEREST
CLEAR
END

Coding:

```
Private Sub Command1_Click()
Text4.Text = (Text1.Text * Text2.Text * Text3.Text) / 100
End Sub
Private Sub Command2_Click()
Text5.Text = Text1.Text * (1 + (Text3.Text) / 100) ^ (Text2.Text) - Text1.Text
End Sub
Private Sub Command3_Click()
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Text4.Text = ""
Text5.Text = ""
End Sub
Private Sub Command4_Click()
End
End Sub
```

Output Form



Result: Thus the above program has been completed successfully and output was verified

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SEMESTER : V
SUBJECT CODE: 15CCU511 **CLASS : III B.COM CA**

Exp. No. 7 Write VB Program to implement the calculator

Aim:

To Write VB Program to implement the calculator

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the calculator program using tools such as Label, TextBox, Command Buttons etc., Properties and components.

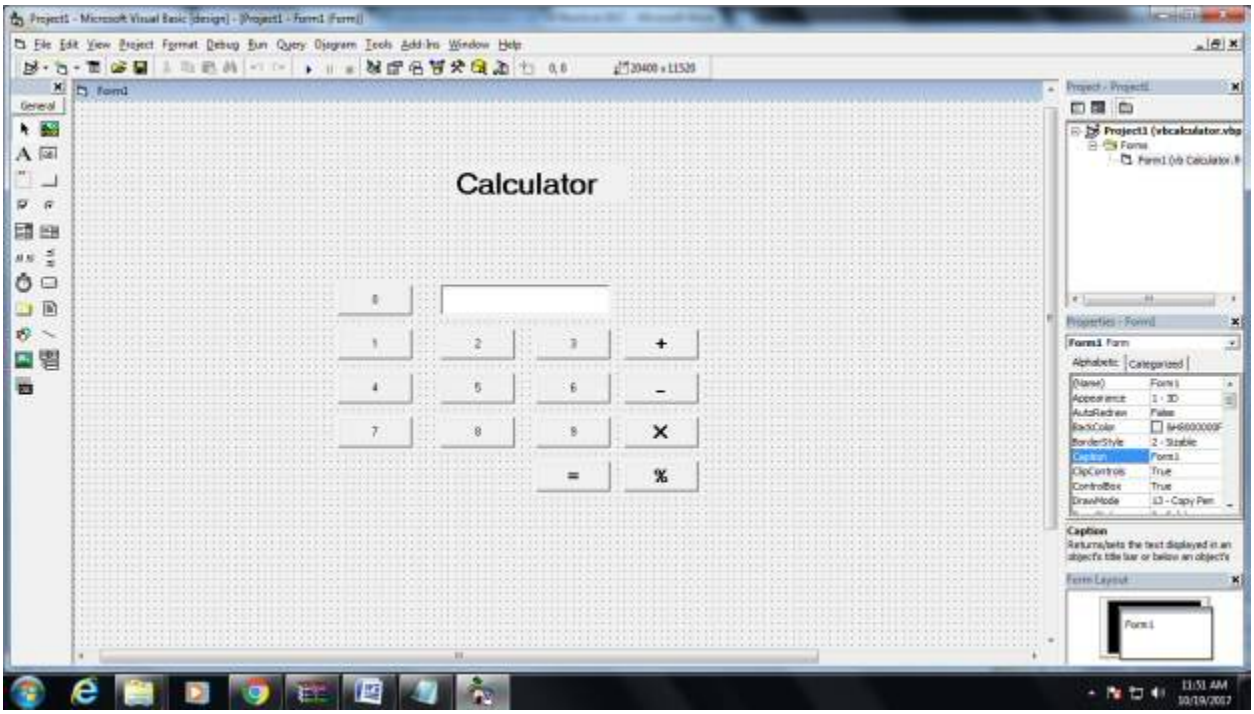
Step 6: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 7: Save the forms, projects and Run the program.

Step 8: Check the results.

Step 9: Stop the Process.

Design Form



Coding:

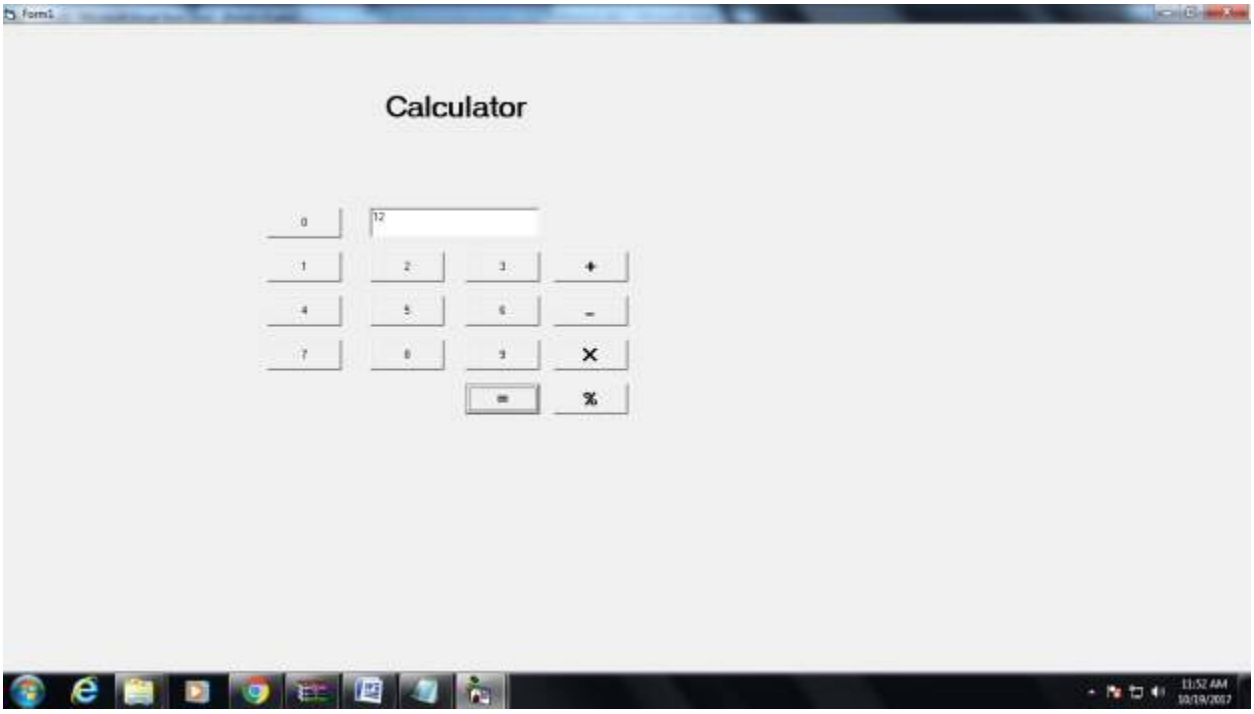
```
Dim mfirst As Single
Dim msecond As Single
Dim manswer As Single

Private Sub cmd0_Click()
Text1.Text = Text1.Text + "0"
Text1.Text = ""
End Sub

Private Sub cmd1_Click()
Text1.Text = Text1.Text + "1"
End Sub

Private Sub cmd2_Click()
Text1.Text = Text1.Text + "2"
End Sub

Private Sub cmd3_Click()
Text1.Text = Text1.Text + "3"
End Sub

Private Sub cmd4_Click()
Text1.Text = Text1.Text + "4"
```

```
End Sub

Private Sub cmd5_Click()

Text1.Text = Text1.Text + "5"

End Sub


Private Sub cmd6_Click()

Text1.Text = Text1.Text + "6"

End Sub


Private Sub cmd7_Click()

Text1.Text = Text1.Text + "7"

End Sub


Private Sub cmd8_Click()

Text1.Text = Text1.Text + "8"

End Sub


Private Sub cmd9_Click()

Text1.Text = Text1.Text + "9"

End Sub


Private Sub Command11_Click()

Text1.Text = Text1.Text + " + "

End Sub
```

```
Private Sub Command12_Click()
Text1.Text = Text1.Text + " - "
End Sub

Private Sub Command13_Click()
Text1.Text = Text1.Text + " * "
End Sub
Private Sub Command14_Click()
Text1.Text = Text1.Text + " / "
End Sub

Private Sub Command15_Click()
mfirst = Val(Text1.Text)
msecond = Val(Text1.Text)
Select Case mbutton
Case Is = 1
manswer = mfirst + msecond
Case Is = 2
manswer = mfirst - msecond
Case Is = 3
manswer = mfirst * msecond
Case Is = 4
manswer = mfirst / msecond
End Select
txtNUMBER = manswer
```

End Sub

Output Form



Result: Thus the above program has been completed successfully and output was verified.

Exp. No. 8 Write a program to perform the File Menu Operations

Aim:

To write a program to perform the File Menu Operations

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as Menu Editor Properties and components.

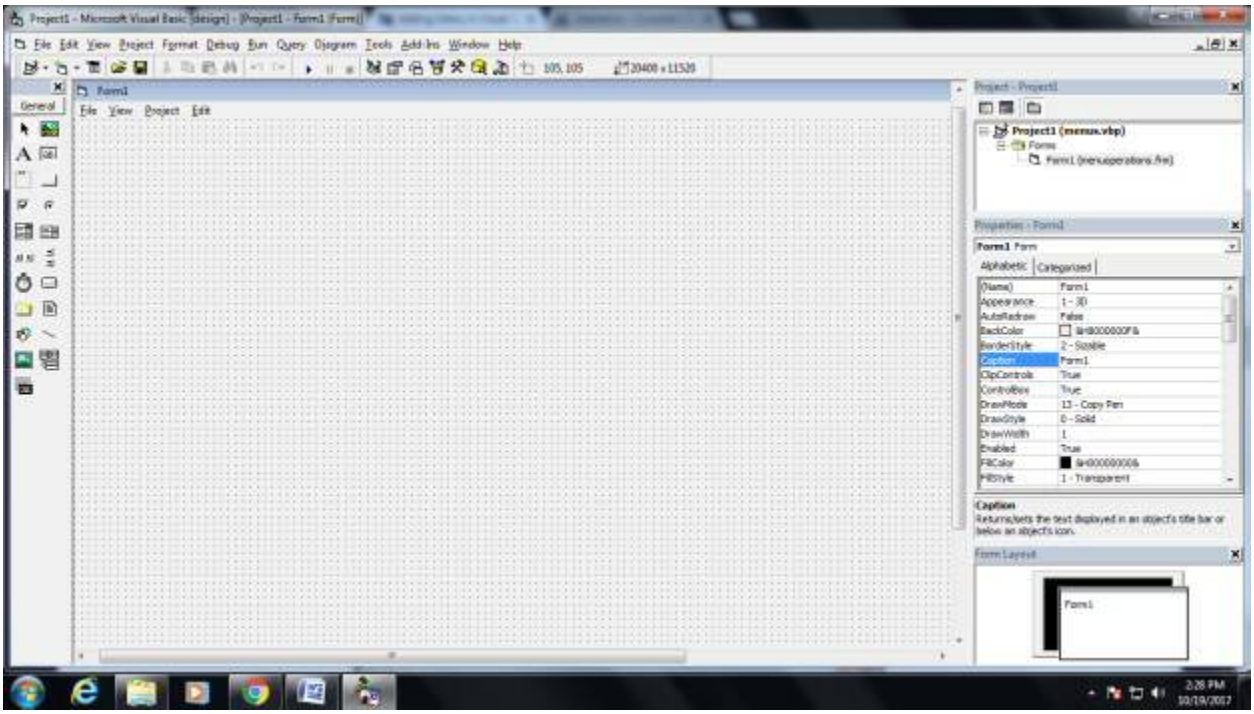
Step 6: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 7: Save the forms, projects and Run the program.

Step 8: Check the results.

Step 9: Stop the Process.

Design Form

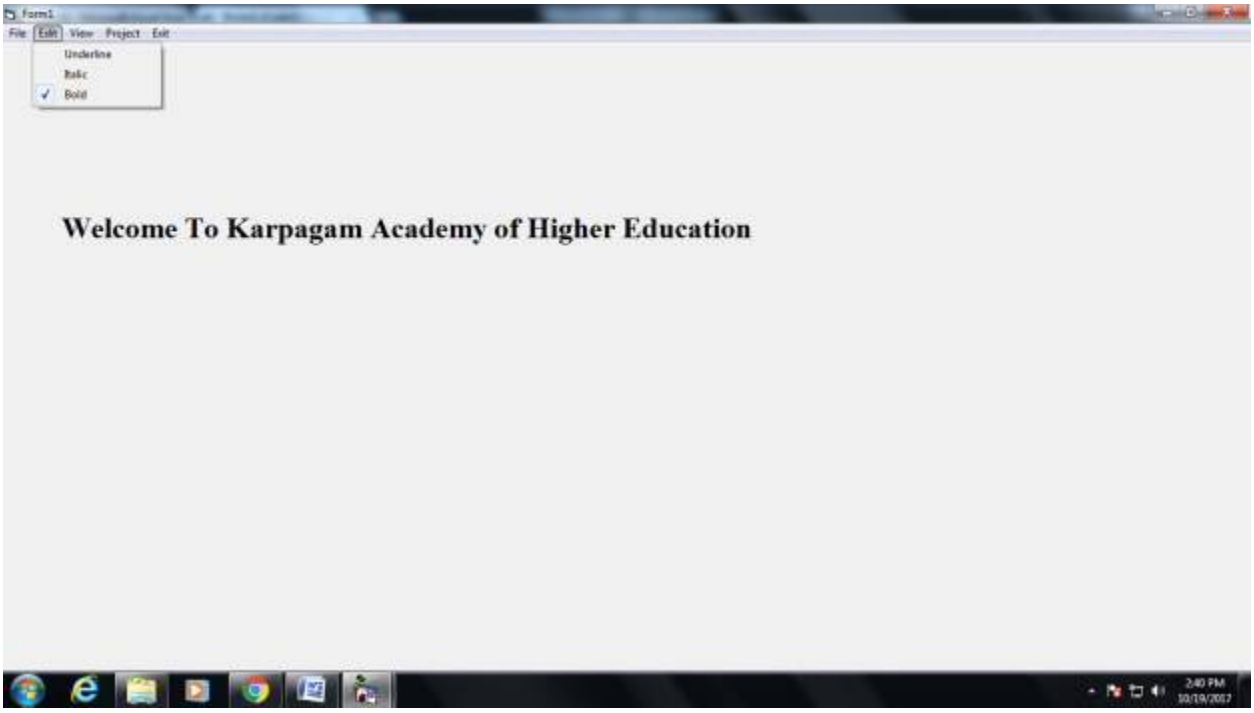


Coding:

```
Private Sub open_Click()

Dim sFile As String

With dlgCommonDialog

.DialogTitle = "Open Project"

.CancelError = False

'Set the flags and attributes of the common dialog control

.Filter = "Bitmaps(*.BMP)|*.BMP|Metafiles(*.WMF)|*. WMF|JpegFiles(*.jpg)|*.jpg|GIF
Files(*.gif)|*.gif|Icon Files(*.ico)|*.ico|All Files(*.*)|*.*"

.ShowOpen

Image1.Picture = LoadPicture(.FileName)

If Len(.FileName) = 0 Then

Exit Sub

End If

sFile = .FileName

End With

End Sub


Private Sub mnuItalic_Click()

If mnuItalic.Checked Then

lblTestText.FontItalic = False

mnuItalic.Checked = False

Else

lblTestText.FontItalic = True

mnuItalic.Checked = True
```

```
End If
End Sub

Private Sub mnuUnderline_Click()
If mnuUnderline.Checked Then
lblTestText.FontUnderline = False
mnuUnderline.Checked = False
Else
lblTestText.FontUnderline = True
mnuUnderline.Checked = True
End If
End Sub
Private Sub mnuBold_Click()
If mnuBold.Checked Then
lblTestText.FontBold = False
mnuBold.Checked = False
Else
lblTestText.FontBold = True
mnuBold.Checked = True
End If
End Sub
Private Sub exit_Click()
Unload Me
End Sub
```

Output Form


Form1
File Edit View Project Exit
Underline
Italic
Bold
Welcome To Karpagam Academy of Higher Education

Result: Thus the above program has been completed successfully and output was verified.

Exp. No. 9 Write VB Program to implement flex grid

Aim:

To Write VB Program to implement flex grid

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as MS Flex grid Properties and components.

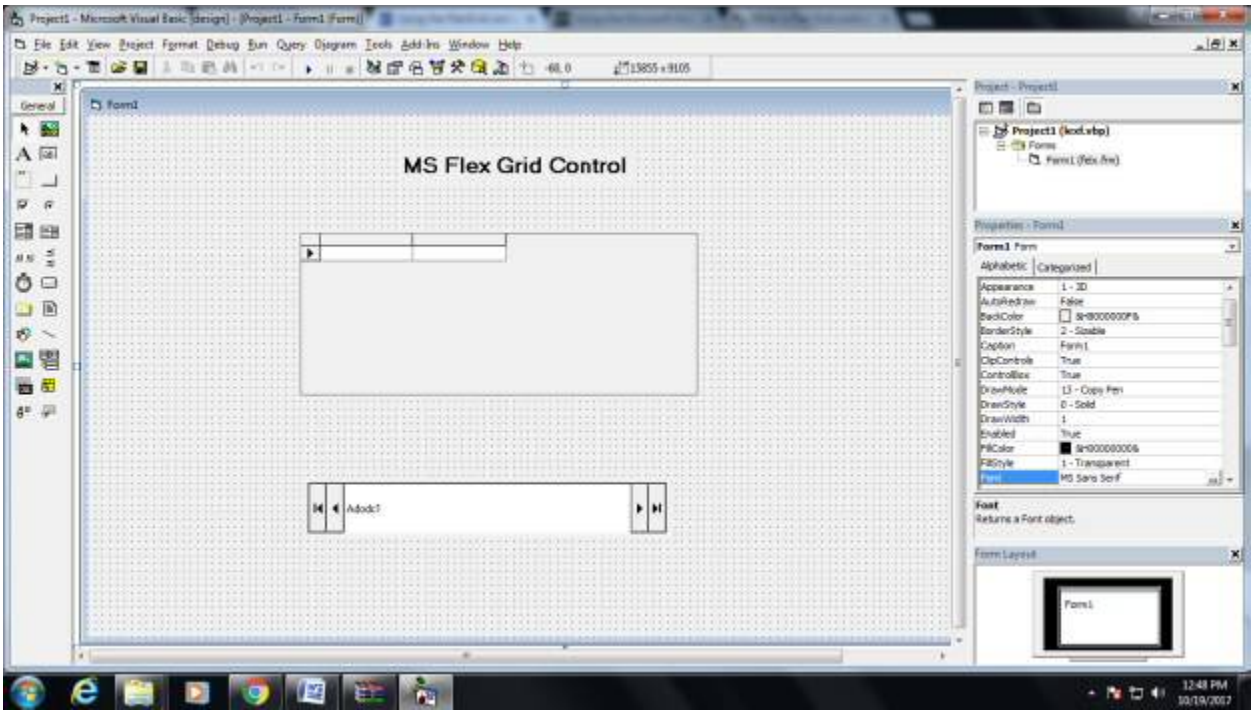
Step 6: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 7: Save the forms, projects and Run the program.

Step 8: Check the results.

Step 9: Stop the Process.

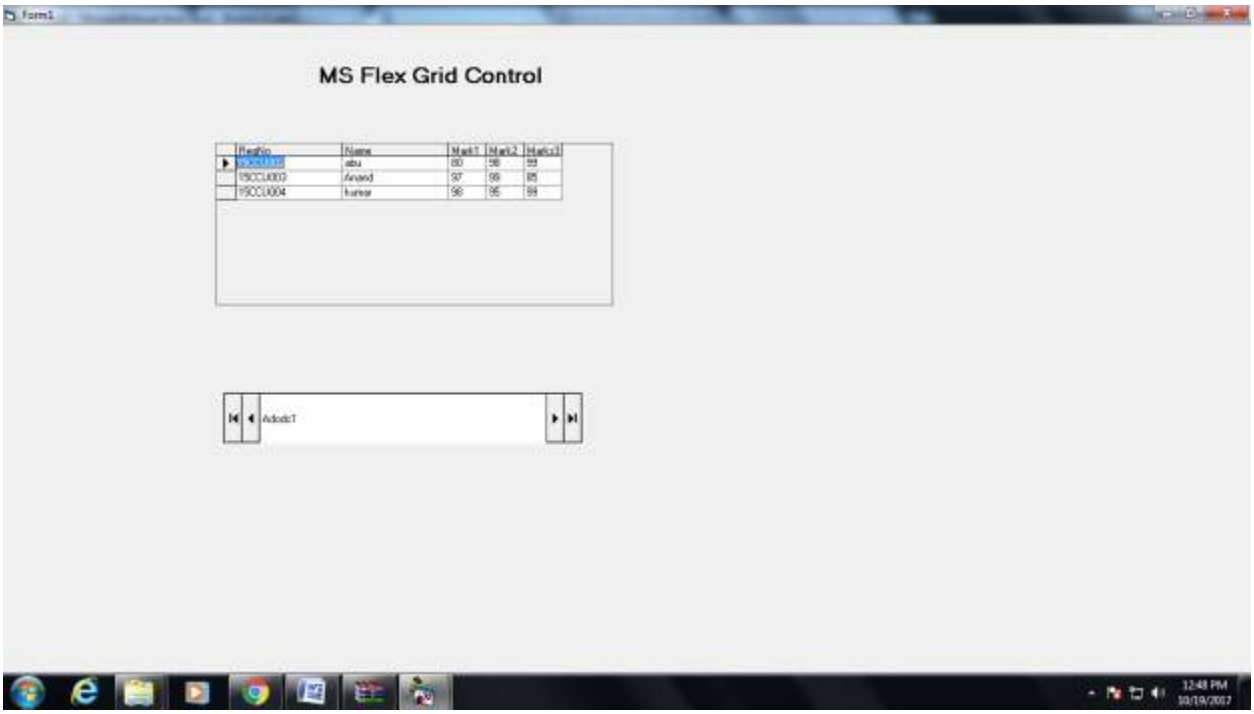
Design Form



```
Dim lngWidth As Long
Dim intLoopCount As Integer
Const SCROLL_BAR_WIDTH = 320
Private Sub DataGrid1_Click()
With MSFlexGrid
   lngWidth = .Width - SCROLL_BAR_WIDTH
   .Cols = 4
   .FixedCols = 1
   .Rows = 0
   .AddItem vbTab & "Heading Text One" & vbTab & _
    "Heading Text Two" & vbTab & "Heading Text Three" & _
    vbTab & "Heading Text Four"
   .Rows = 12
   .FixedRows = 1
   .WordWrap = True
   .RowHeight(0) = .RowHeight(0) * 2
   .ColWidth(0) = lngWidth / 4
   .ColWidth(1) = lngWidth / 4
   .ColWidth(2) = lngWidth / 4
   .ColWidth(3) = lngWidth / 4
   For intLoopCount = 1 To (.Rows - 1)
      .TextMatrix(intLoopCount, 0) = "Item " & intLoopCount
   Next intLoopCount
End With
```

End Sub

Output Form



Result: Thus the above program has been completed successfully and output was verified.

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SEMESTER : V
SUBJECT CODE: 15CCU511 **CLASS : III B.COM CA**

Exp. No. 10 Write VB Program to present product details like purchase, sales, profit etc., by declaring array functions and present details in a Rich Text Book Box (RTF)

Aim:

To Write VB Program to present product details like purchase, sales, profit etc., by declaring array functions and present details in a Rich Text Book Box (RTF)

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as Label, RichTextBox, Command Buttons etc., Properties and components.

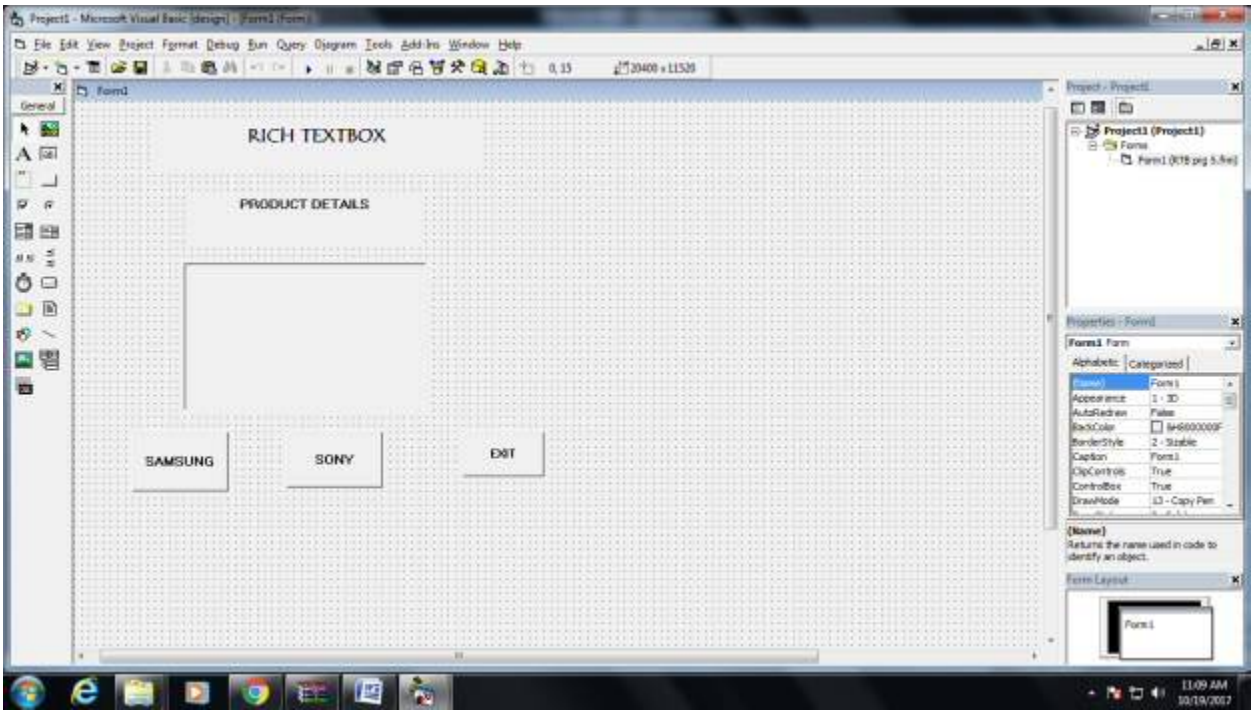
Step 6: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 7: Save the forms, projects and Run the program.

Step 8: Check the results.

Step 9: Stop the Process.

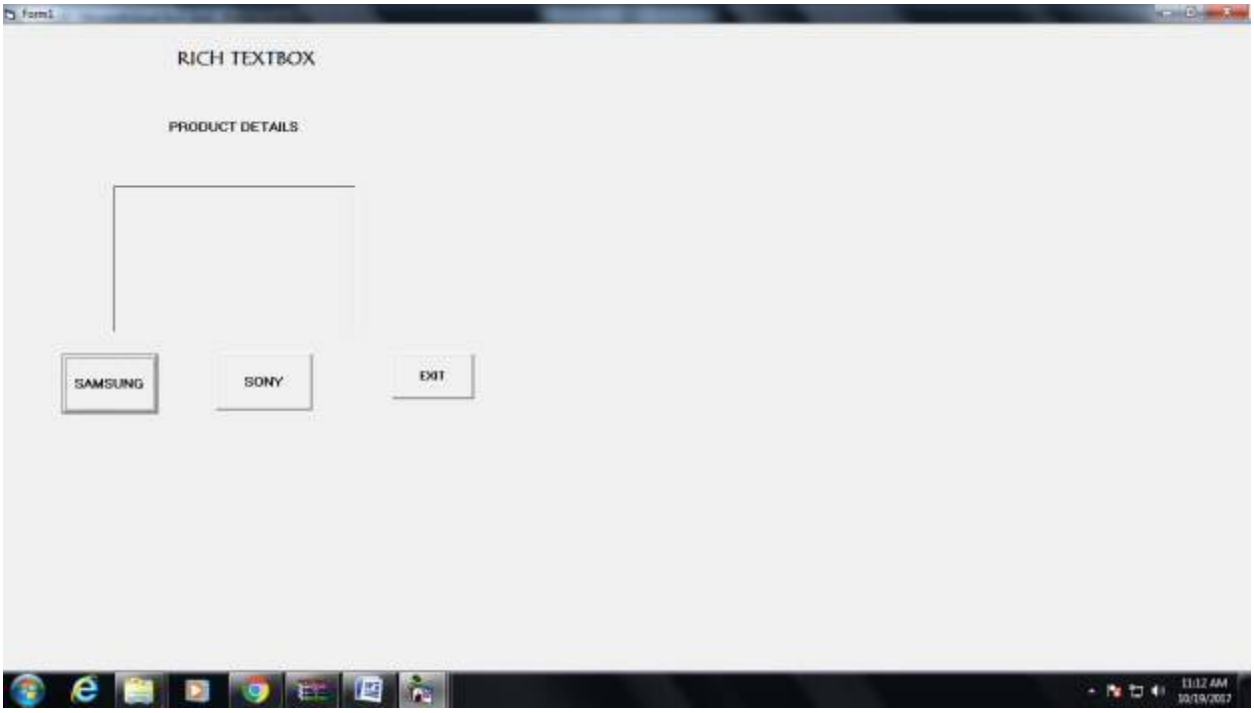
Design Form



Coding:

```
Private Sub Command1_Click()
Dim p(1 To 4) As String
p(1) = "The sales turnover is 20 crores"
p(2) = "The total turnover is 100 crores"
p(3) = "The total expenses is 75 crores"
p(4) = "The profit turnover is 25 crores"
RichTextBox1.Text = p(1) & "" & p(2) & "" & p(3) & "" & p(4)
End Sub

Private Sub Command2_Click()
Dim p(1 To 4) As String
p(1) = "The sales turnover is 220 crores"
p(2) = "The total turnover is 143 crores"
p(3) = "The total expenses is 109 crores"
p(4) = "The profit turnover is 45 crores"
RichTextBox1.Text = p(1) & "" & p(2) & "" & p(3) & "" & p(4)
End Sub

Private Sub Command3_Click()
End
End Sub
```

Output Form



Result: Thus the above program has been completed successfully and output was verified.

Exp. No. 11 Write VB Program to implement Employee Details using ADO

Aim:

To Write VB Program to implement Employee Details using ADO.

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as Label, TextBox, Command Buttons etc., Properties and components.

Step 6: Create a database for employee details of an organization with necessary details using MS Access.

Step 7: Establish connectivity between database table and application using ActiveX Data Objects.

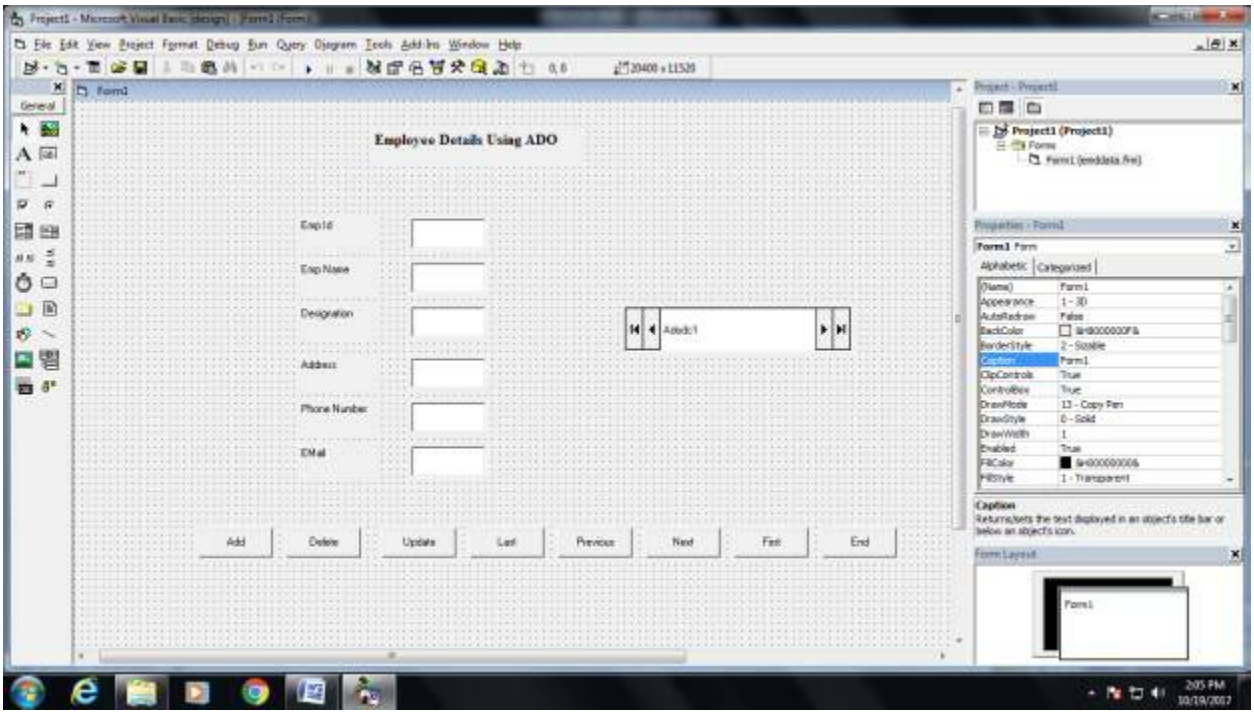
Step 8: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 9: Save the forms, projects and Run the program.

Step 10: Check the results.

Step 11: Stop the Process.

Design Form

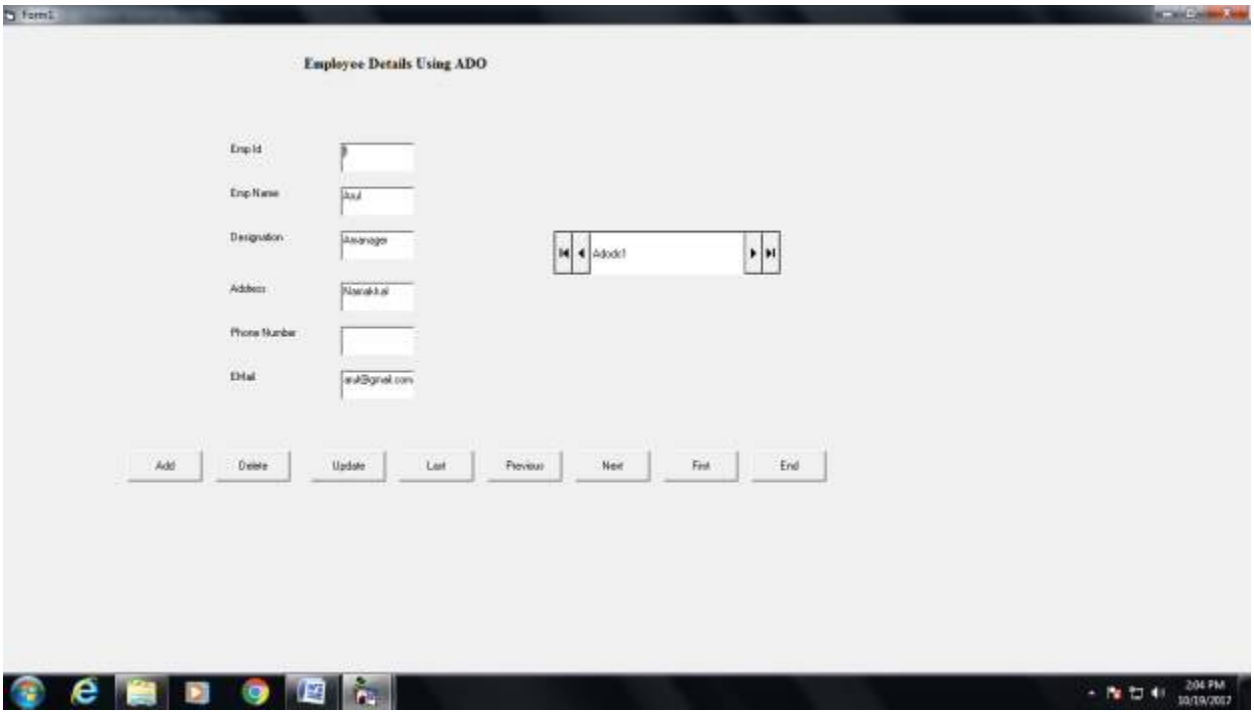

Employee Details Using ADO
Emp Id
Emp Name
Designation
Address
Phone Number
EMail
Adodc1
Add
Delete
Update
Last
Previous
Next
First
End

Coding

```
Private Sub Command3_Click()
Adodc1.Recordset.MoveNext
MsgBox "This is the next record"
End Sub

Private Sub Command4_Click()
Adodc1.Recordset.MovePrevious
MsgBox "This is the previous record"
End Sub

Private Sub Command5_Click()
Adodc1.Recordset.AddNew
Text6.Text = ""
Text7.Text = ""
Text8.Text = ""
Text9.Text = ""
Text10.Text = ""
Text11.Text = ""
Text12.Text = ""
MsgBox "The record is added successfully"
End Sub
```

```
Private Sub Command6_Click()
Adodc1.Recordset.Delete
MsgBox "The record is deleted"
End Sub

Private Sub Command7_Click()
Adodc1.Recordset.Update
MsgBox "The record is ipdated successfully"
End Sub

Private Sub Command8_Click()
End
End Sub
```

Output Form



Result: Thus the above program has been completed successfully and output was verified.

Exp. No. 12 Write VB Program to implement pay slip for an organization and create a database using SQL and ADO Control

Aim:

To Write VB Program to implement pay slip for an organization and create a database using SQL and ADO Control

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as Label, TextBox, Command Buttons etc., Properties and components.

Step 6: Create a database for pay slip for an organization with necessary details using MS Access.

Step 7: Establish connectivity between database table and application using ActiveX Data Objects.

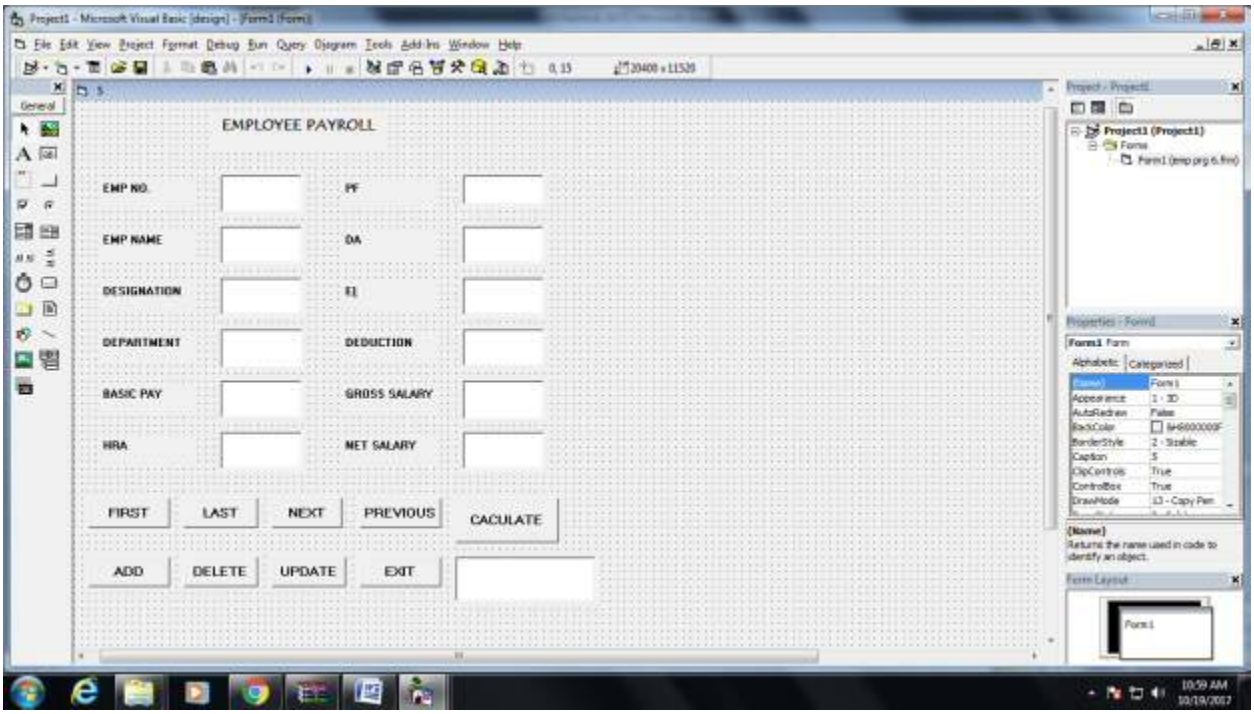
Step 8: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 9: Save the forms, projects and Run the program.

Step 10: Check the results.

Step 11: Stop the Process.

Design Form


EMPLOYEE PAYROLL
EMP NO.
EMP NAME
DESIGNATION
DEPARTMENT
BASIC PAY
HRA
PF
DA
EL
DEDUCTION
GROSS SALARY
NET SALARY
FIRST
LAST
NEXT
PREVIOUS
CACULATE
ADD
DELETE
UPDATE
EXIT

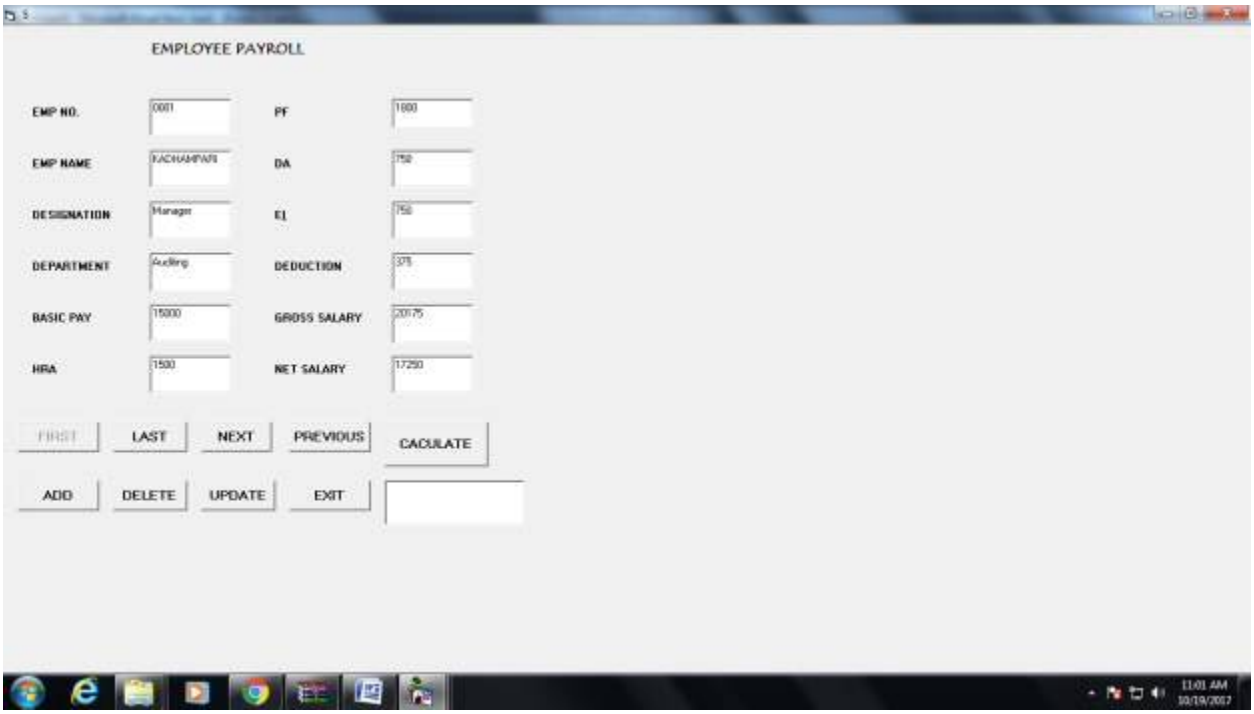
Coding:

```
Private Sub Command3_Click()
Adodc1.Recordset.MoveNext
MsgBox "This is the next record"
End Sub

Private Sub Command4_Click()
Adodc1.Recordset.MovePrevious
MsgBox "This is the previous record"
End Sub

Private Sub Command5_Click()
Adodc1.Recordset.AddNew
Text6.Text = ""
Text7.Text = ""
Text8.Text = ""
Text9.Text = ""
Text10.Text = ""
Text11.Text = ""
Text12.Text = ""
MsgBox "The record is added successfully"
End Sub
```

```
Private Sub Command6_Click()
Adodc1.Recordset.Delete
MsgBox "The record is deleted"
End Sub

Private Sub Command7_Click()
Adodc1.Recordset.Update
MsgBox "The record is ipdated successfully"
End Sub

Private Sub Command8_Click()
End
End Sub

Private Sub Command9_Click()
Text6.Text = Val(Text5.Text * 10) / 100
Text7.Text = Val(Text5.Text * 12) / 100
Text8.Text = Val(Text5.Text * 5) / 100
Text9.Text = Val(Text5.Text * 5) / 100
Text10.Text = Val(Text5.Text * 2.5) / 100
Text11.Text = Val(Text5.Text) + Val(Text6.Text) + Val(Text7.Text) + Val(Text8.Text) +
Val(Text9.Text) + Val(Text10.Text)
Text12.Text = Val(Text11.Text) - Val(Text10.Text) - Val(Text9.Text) - Val(Text7.Text)
```

```
End Sub
```

Output



Result: Thus the above program has been completed successfully and output was verified.

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SEMESTER : V
SUBJECT CODE: 15CCU511 **CLASS : III B.COM CA**

Exp. No. 10 Write VB Program to present product details like purchase, sales, profit etc., by declaring array functions and present details in a Rich Text Book Box (RTF)

Aim:

To Write VB Program to present product details like purchase, sales, profit etc., by declaring array functions and present details in a Rich Text Book Box (RTF)

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as Label, RichTextBox, Command Buttons etc., Properties and components.

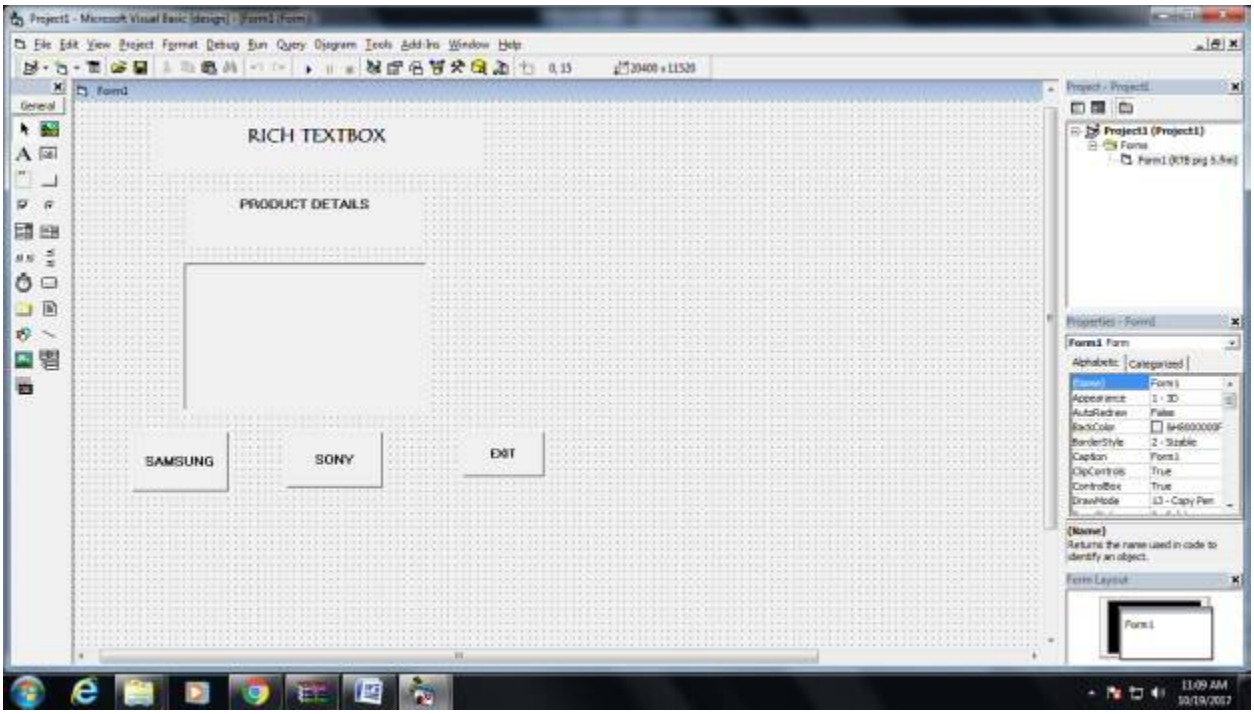
Step 6: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 7: Save the forms, projects and Run the program.

Step 8: Check the results.

Step 9: Stop the Process.

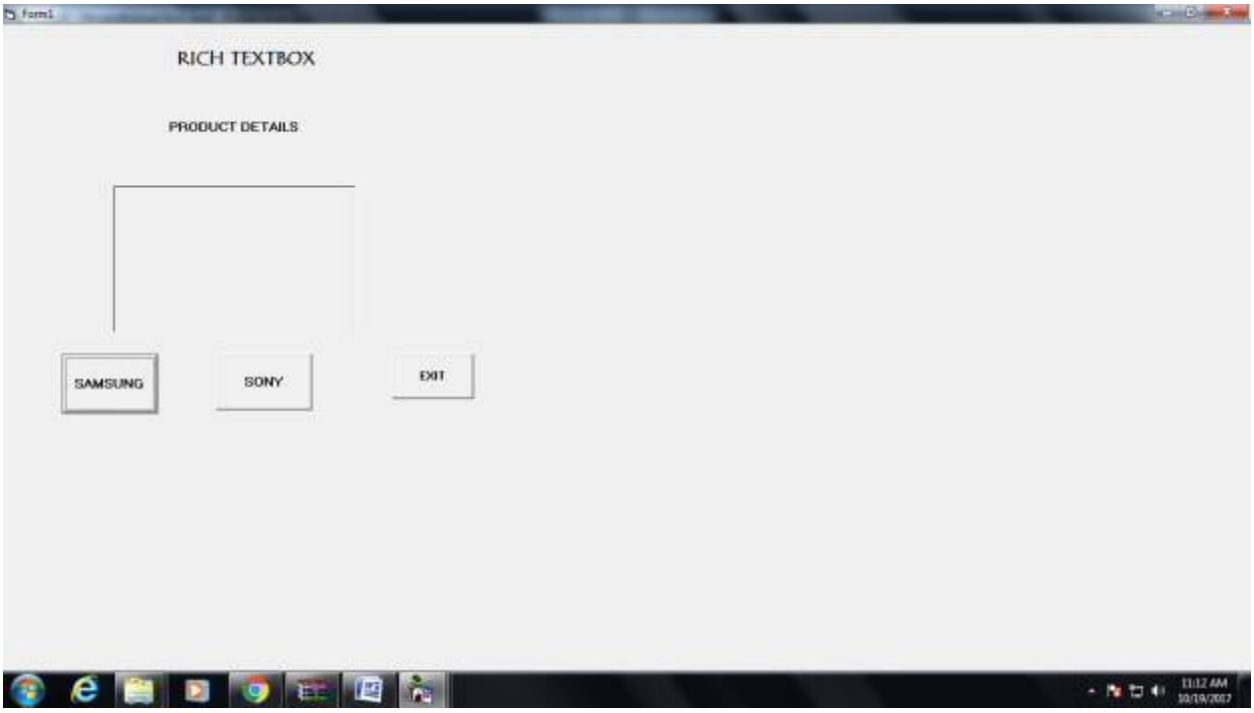
Design Form



Coding:

```
Private Sub Command1_Click()
Dim p(1 To 4) As String
p(1) = "The sales turnover is 20 crores"
p(2) = "The total turnover is 100 crores"
p(3) = "The total expenses is 75 crores"
p(4) = "The profit turnover is 25 crores"
RichTextBox1.Text = p(1) & "" & p(2) & "" & p(3) & "" & p(4)
End Sub

Private Sub Command2_Click()
Dim p(1 To 4) As String
p(1) = "The sales turnover is 220 crores"
p(2) = "The total turnover is 143 crores"
p(3) = "The total expenses is 109 crores"
p(4) = "The profit turnover is 45 crores"
RichTextBox1.Text = p(1) & "" & p(2) & "" & p(3) & "" & p(4)
End Sub

Private Sub Command3_Click()
End
End Sub
```

Output Form



Result: Thus the above program has been completed successfully and output was verified.

Exp. No. 11 Write VB Program to implement Employee Details using ADO

Aim:

To Write VB Program to implement Employee Details using ADO.

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as Label, TextBox, Command Buttons etc., Properties and components.

Step 6: Create a database for employee details of an organization with necessary details using MS Access.

Step 7: Establish connectivity between database table and application using ActiveX Data Objects.

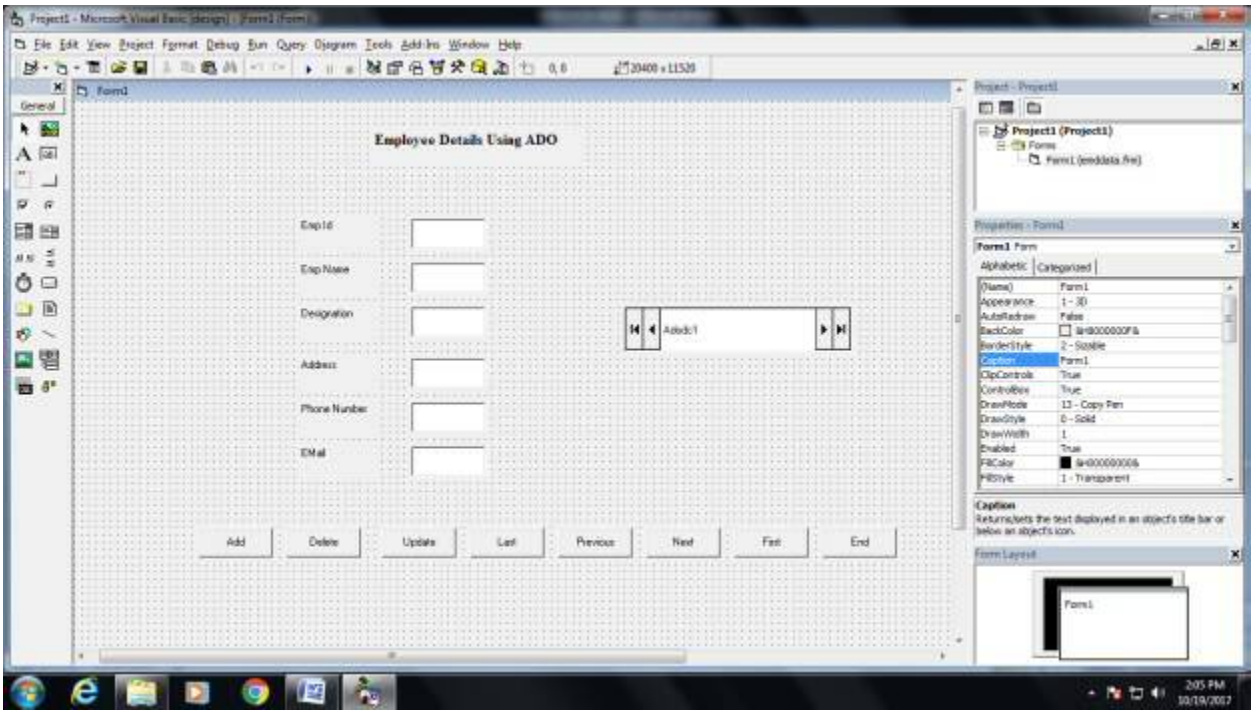
Step 8: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 9: Save the forms, projects and Run the program.

Step 10: Check the results.

Step 11: Stop the Process.

Design Form

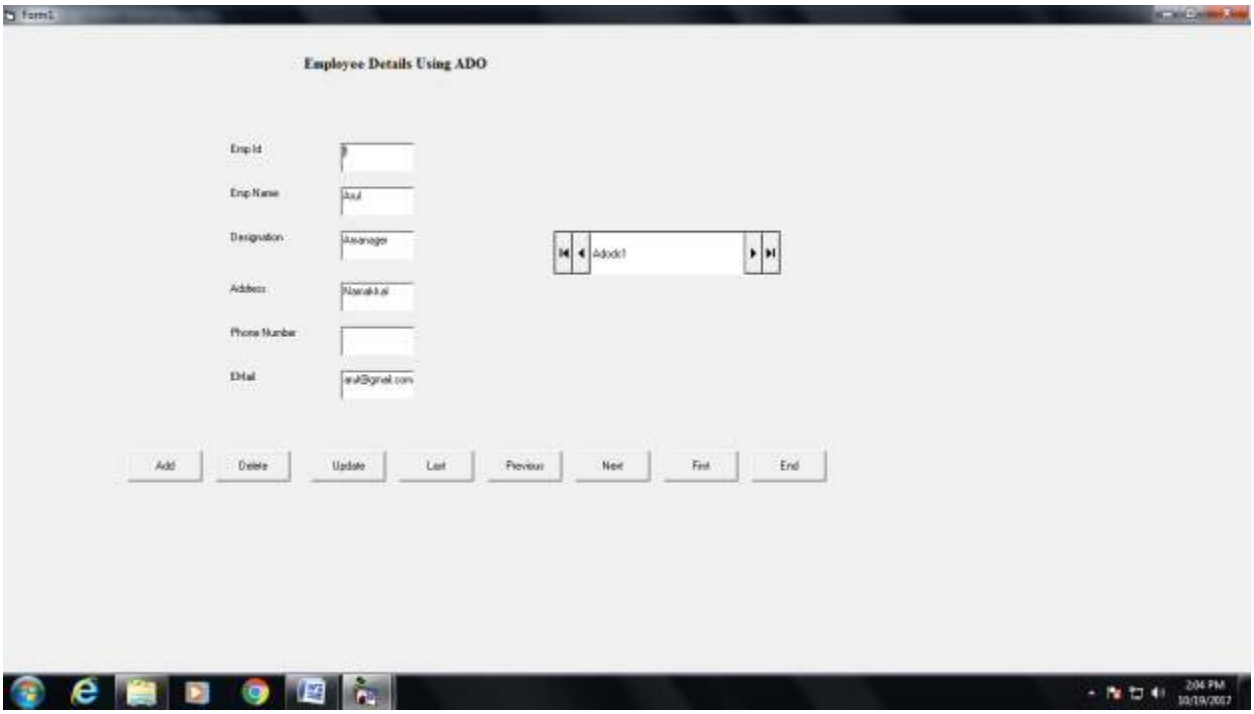

Employee Details Using ADO
Emp Id
Emp Name
Designation
Address
Phone Number
EMail
Adodc1
Add
Delete
Update
Last
Previous
Next
First
End

Coding

```
Private Sub Command3_Click()
Adodc1.Recordset.MoveNext
MsgBox "This is the next record"
End Sub

Private Sub Command4_Click()
Adodc1.Recordset.MovePrevious
MsgBox "This is the previous record"
End Sub

Private Sub Command5_Click()
Adodc1.Recordset.AddNew
Text6.Text = ""
Text7.Text = ""
Text8.Text = ""
Text9.Text = ""
Text10.Text = ""
Text11.Text = ""
Text12.Text = ""
MsgBox "The record is added successfully"
End Sub
```

```
Private Sub Command6_Click()
Adodc1.Recordset.Delete
MsgBox "The record is deleted"
End Sub

Private Sub Command7_Click()
Adodc1.Recordset.Update
MsgBox "The record is ipdated successfully"
End Sub

Private Sub Command8_Click()
End
End Sub
```

Output Form



Result: Thus the above program has been completed successfully and output was verified.

Exp. No. 12 Write VB Program to implement pay slip for an organization and create a database using SQL and ADO Control

Aim:

To Write VB Program to implement pay slip for an organization and create a database using SQL and ADO Control

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as Label, TextBox, Command Buttons etc., Properties and components.

Step 6: Create a database for pay slip for an organization with necessary details using MS Access.

Step 7: Establish connectivity between database table and application using ActiveX Data Objects.

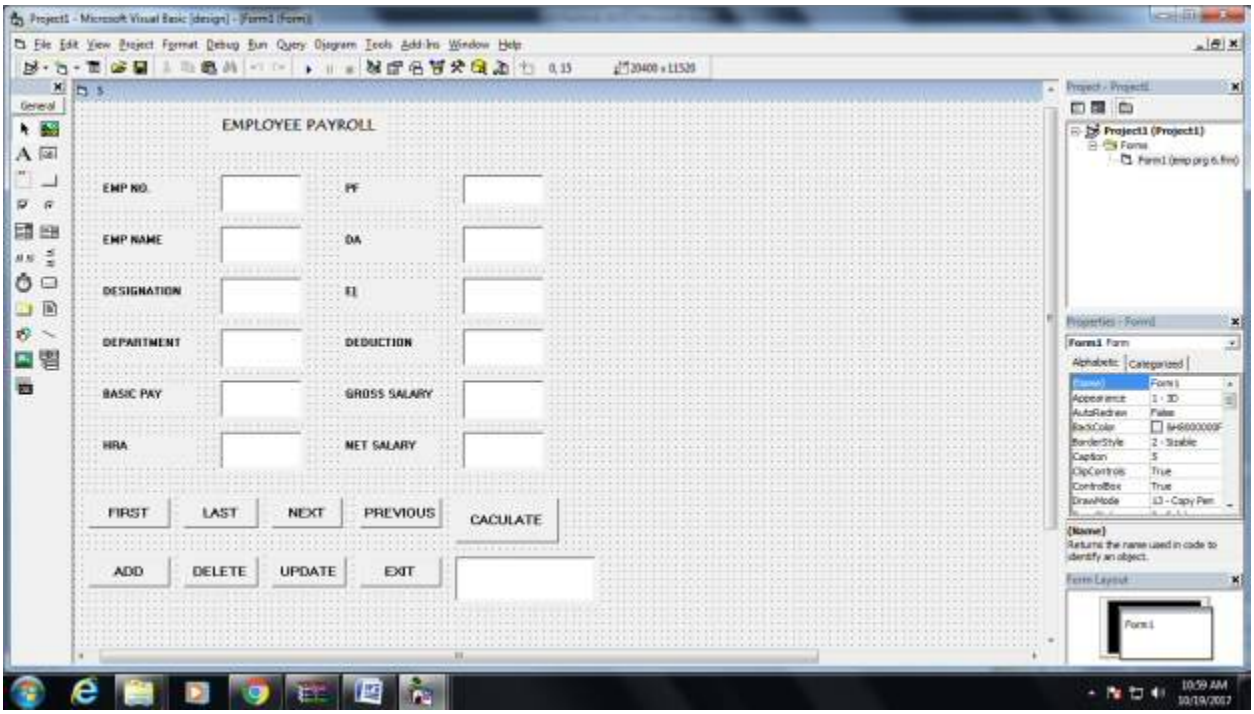
Step 8: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 9: Save the forms, projects and Run the program.

Step 10: Check the results.

Step 11: Stop the Process.

Design Form


EMPLOYEE PAYROLL
EMP NO.
EMP NAME
DESIGNATION
DEPARTMENT
BASIC PAY
HRA
PF
DA
EL
DEDUCTION
GROSS SALARY
NET SALARY
FIRST
LAST
NEXT
PREVIOUS
CACULATE
ADD
DELETE
UPDATE
EXIT

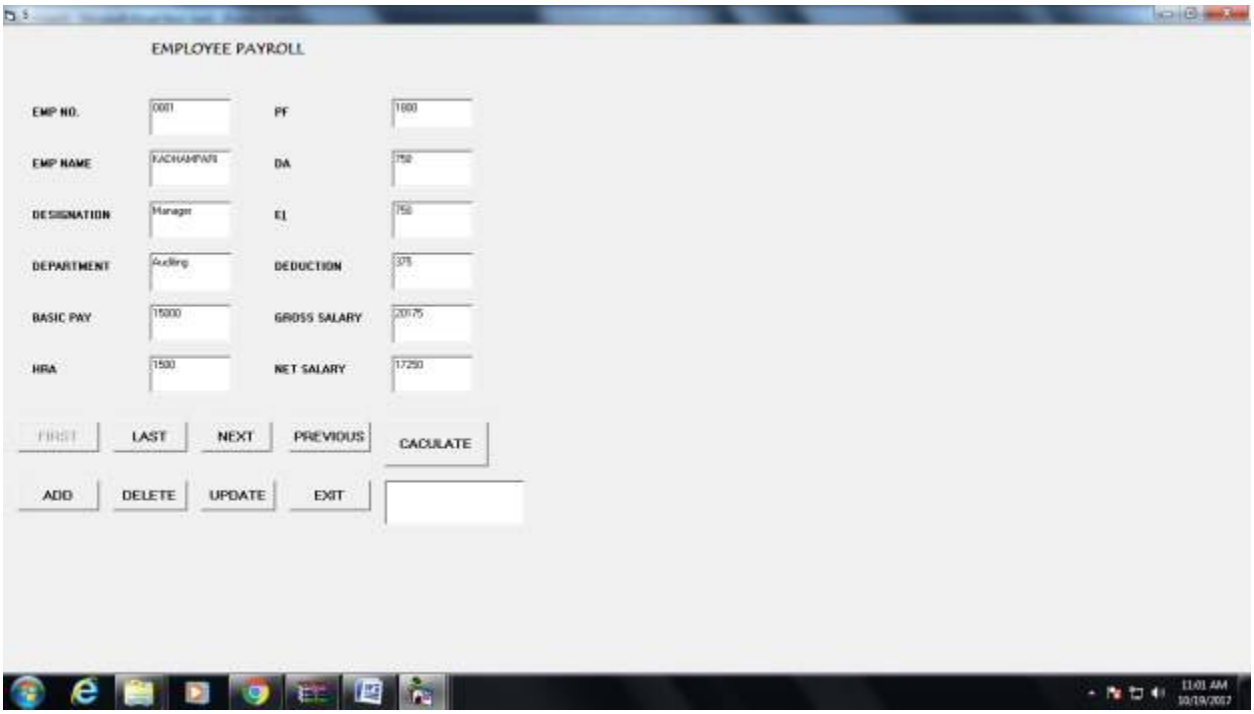
Coding:

```
Private Sub Command3_Click()
Adodc1.Recordset.MoveNext
MsgBox "This is the next record"
End Sub

Private Sub Command4_Click()
Adodc1.Recordset.MovePrevious
MsgBox "This is the previous record"
End Sub

Private Sub Command5_Click()
Adodc1.Recordset.AddNew
Text6.Text = ""
Text7.Text = ""
Text8.Text = ""
Text9.Text = ""
Text10.Text = ""
Text11.Text = ""
Text12.Text = ""
MsgBox "The record is added successfully"
End Sub
```

```
Private Sub Command6_Click()
Adodc1.Recordset.Delete
MsgBox "The record is deleted"
End Sub

Private Sub Command7_Click()
Adodc1.Recordset.Update
MsgBox "The record is ipdated successfully"
End Sub

Private Sub Command8_Click()
End
End Sub

Private Sub Command9_Click()
Text6.Text = Val(Text5.Text * 10) / 100
Text7.Text = Val(Text5.Text * 12) / 100
Text8.Text = Val(Text5.Text * 5) / 100
Text9.Text = Val(Text5.Text * 5) / 100
Text10.Text = Val(Text5.Text * 2.5) / 100
Text11.Text = Val(Text5.Text) + Val(Text6.Text) + Val(Text7.Text) + Val(Text8.Text) +
Val(Text9.Text) + Val(Text10.Text)
Text12.Text = Val(Text11.Text) - Val(Text10.Text) - Val(Text9.Text) - Val(Text7.Text)
```

```
End Sub
```

Output



Result: Thus the above program has been completed successfully and output was verified.

KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed University Established Under Section 3 of UGC Act 1956)
Coimbatore - 641021.
(For the candidates admitted from 2015 onwards)
DEPARTMENT OF COMMERCE

SUBJECT : PRACTICAL VISUAL BASIC
SEMESTER : V
SUBJECT CODE: 15CCU511 **CLASS : III B.COM CA**

Exp. No. 13 Write VB Program to create a bank customer database by declaring simple array and multiple arrays using ADO Control

Aim:

To Write VB Program to create a bank customer database by declaring simple array and multiple arrays using ADO Control.

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as Label, TextBox, Command Buttons etc., Properties and components.

Step 6: Create a database for bank customers with necessary details using MS Access.

Step 7: Establish connectivity between database table and application using ActiveX Data Objects.

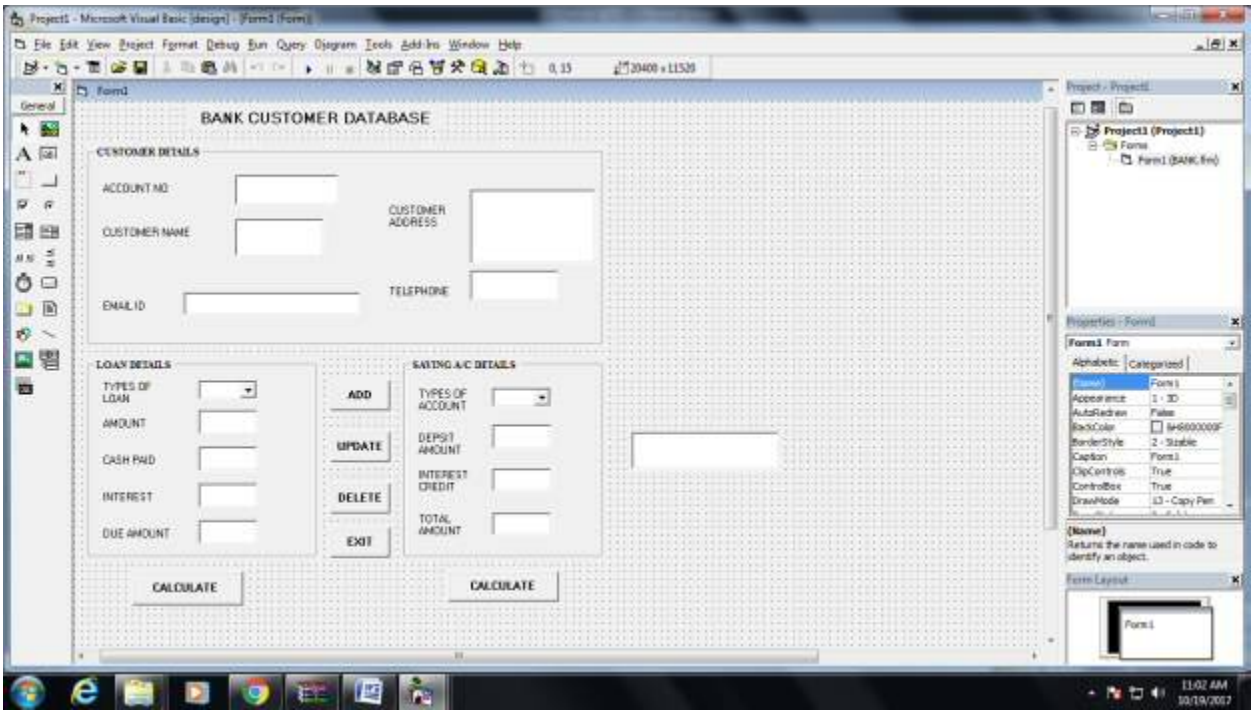
Step 8: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 9: Save the forms, projects and Run the program.

Step 10: Check the results.

Step 11: Stop the Process.

Design Form

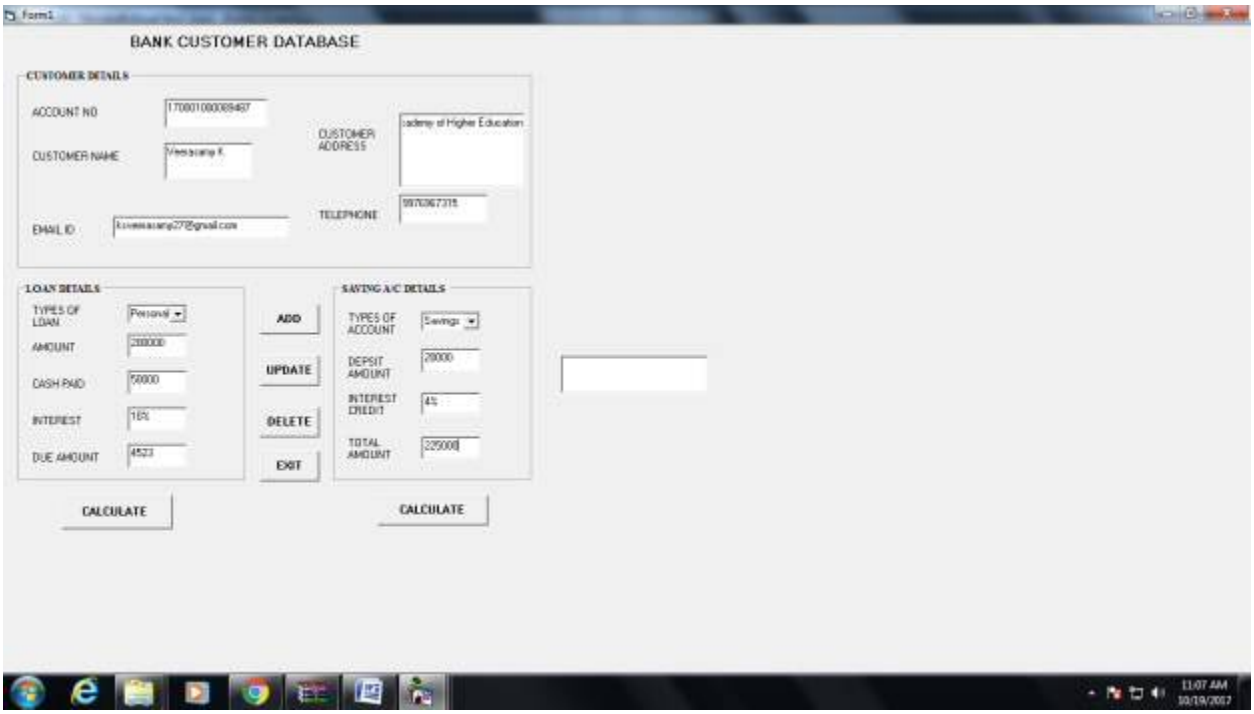

BANK CUSTOMER DATABASE
CUSTOMER DETAILS
ACCOUNT NO
CUSTOMER NAME
CUSTOMER ADDRESS
EMAIL ID
TELEPHONE
LOAN DETAILS
TYPES OF LOAN
AMOUNT
CASH PAID
INTEREST
DUE AMOUNT
ADD
UPDATE
DELETE
EXIT
SAVING A/C DETAILS
TYPES OF ACCOUNT
DEPSIT AMOUNT
INTEREST CREDIT
TOTAL AMOUNT
CALCULATE
CALCULATE

Coding:

```
Private Sub Command1_Click()
Adodc1.Recordset.AddNew
MsgBox ("ADDED SUCCESSFULLY")
End Sub
Private Sub Command2_Click()
Adodc1.Recordset.Update
MsgBox ("UPDATED SUCCESFULLY")
End Sub
Private Sub Command3_Click()
Adodc1.Recordset.Delete
MsgBox ("DELETED SUCCESSFULLY")
End Sub
Private Sub Command4_Click()
End
End Sub
Private Sub Command5_Click()
Text9.Text = Val(Text6.Text) - Val(Text7.Text)
If Combo1.Text = "SHORT TERM" Then
Text8.Text = Val((Text9.Text) * 5 / 100)
Else
If Combo1.Text = "LONG TERM" Then
Text8.Text = Val((Text9.Text) * 9 / 100)
Else
```

```
Text8.Text = ((Text9.Text) * 12 / 100)
End If
End Sub

Private Sub Command6_Click()
If Text10.Text < 10000 Then
Text11.Text = Val((Text10.Text) * 10 / 100)
Text12.Text = Val(Text10.Text) + Val(Text11.Text)
Else
If Text10.Text > 100000 And Text10.Text < 50000 Then
Text11.Text = Val((Text10.Text) * 15 / 100)
Text12.Text = Val(Text10.Text) + Val(Text11.Text)
Else
Text11.Text = Val((Text10.Text) * 20 / 100)
Text12.Text = Val(Text10.Text) + Val(Text11.Text)
End If
End Sub
```

Output form


Form1
BANK CUSTOMER DATABASE
CUSTOMER DETAILS
ACCOUNT NO
CUSTOMER NAME
CUSTOMER ADDRESS
EMAIL ID
TELEPHONE
LOAN DETAILS
TYPES OF LOAN
AMOUNT
CASH PAID
INTEREST
DUE AMOUNT
ADD
UPDATE
DELETE
EXIT
SAVING A/C DETAILS
TYPES OF ACCOUNT
DEPSIT AMOUNT
INTEREST CREDIT
TOTAL AMOUNT
CALCULATE
CALCULATE

Result: Thus the above program has been completed successfully and output was verified.

Exp. No. 14 Write VB Program to display tree view and list view of folders and files from a directory of an organization

Aim:

To Write VB Program to display tree view and list view of folders and files from a directory of an organization

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as folders, List box, File directory, Label, ImageBox, Properties and components.

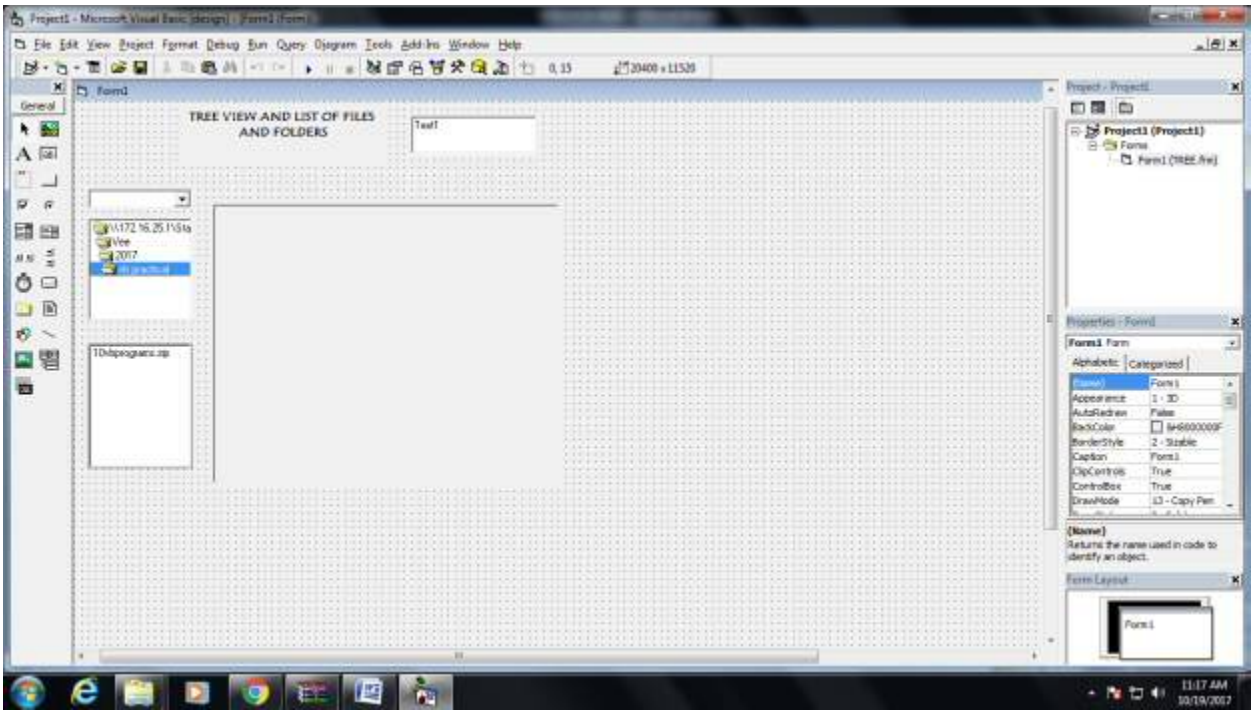
Step 6: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 7: Save the forms, projects and Run the program.

Step 8: Check the results.

Step 9: Stop the Process.

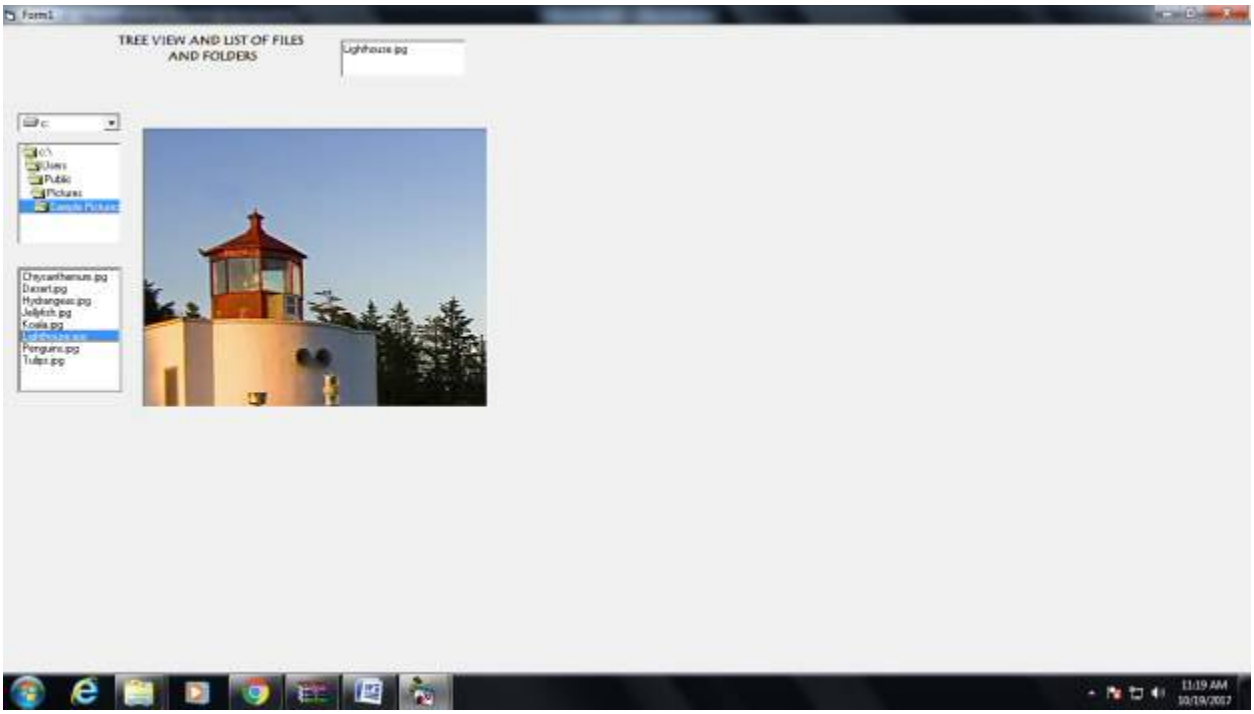
Design Form



Coding

```
Private Sub Dir1_Change()
File1.Path = Dir1.Path
End Sub

Private Sub Drive1_Change()
Dir1.Path = Drive1.Drive
End Sub

Private Sub File1_Click()
Text1.Text = File1
If Len(Dir1.Path) = 1 Then
Else
Picture1.Picture = LoadPicture(Dir1.Path + "/" + File1.FileName)
End If
End Sub
```

Output



Result: Thus the above program has been completed successfully and output was verified.

Exp. No. 15 Write VB Program to implement the Animated Dice

Aim:

To Write VB Program to implement the Animated Dice

Algorithm:

Step 1: Start the Process

Step 2: Start All Programs Microsoft Visual Studio 6.0 Microsoft Visual Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project Design the form.

Step 5: Design the forms and project according to the program using tools such as Label, TextBox, Command Buttons etc., Properties and components.

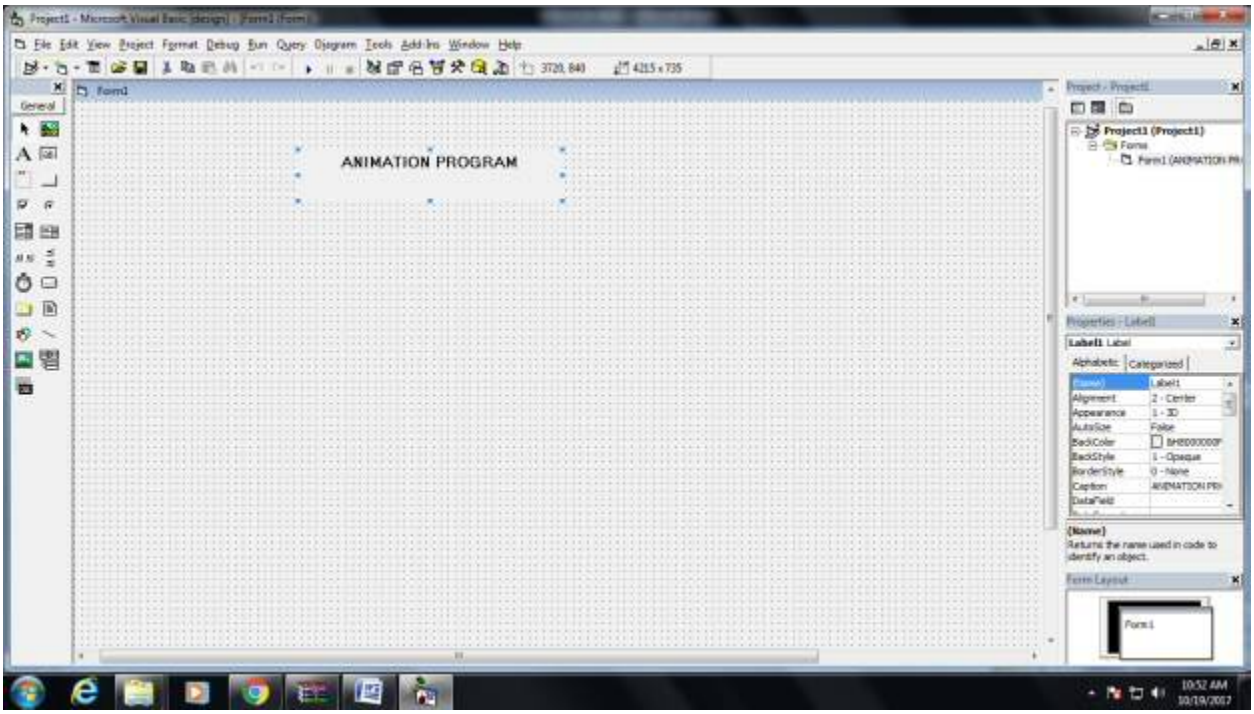
Step 6: Write the code for respective tools and actions of the program using code window, events, properties and methods.

Step 7: Save the forms, projects and Run the program.

Step 8: Check the results.

Step 9: Stop the Process.

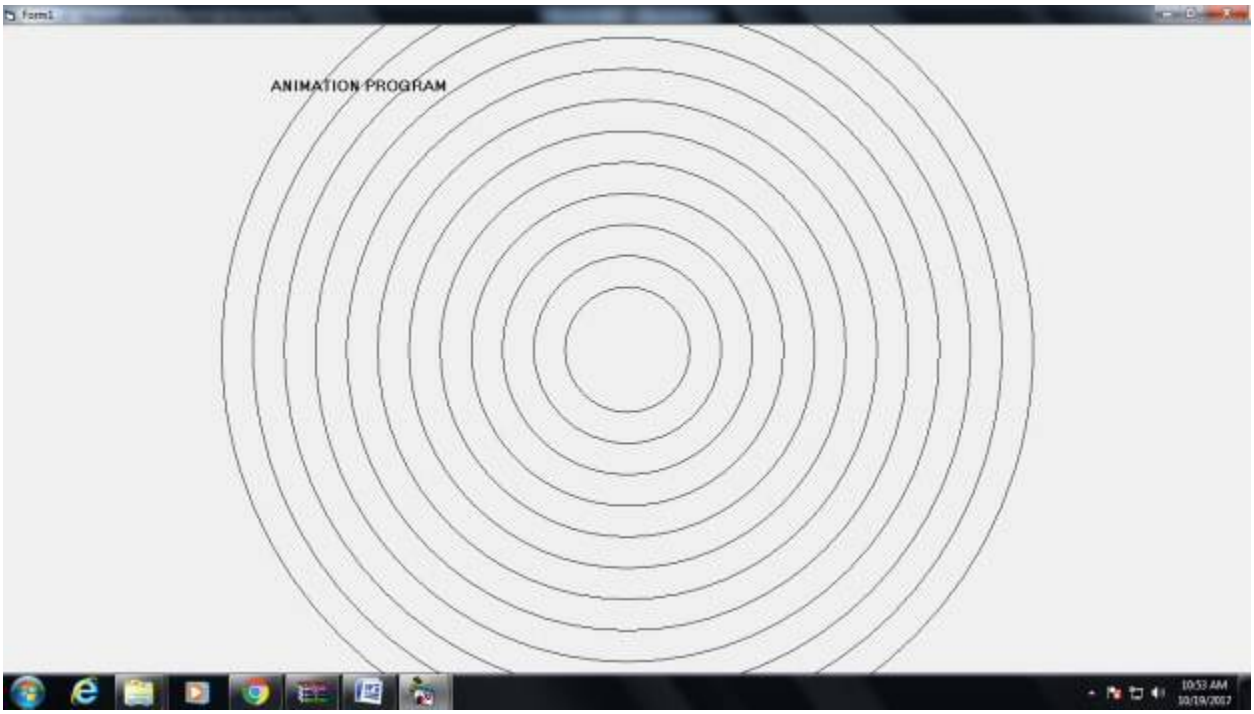
Design Form



Coding:

```
Private Sub Form_Load()
Dim i As Single, code As Single
WindowState = 2
Show
Scale (-1, 1)-(1, -1)
For i = 0.1 To 0.7 Step 0.05
ccode = 16 * Rnd
Circle (0, 0), i, code
Next i
End Sub
```

Output:



Result: Thus the above program has been completed successfully and output was verified.