KARPAGAM ACADEMY OF HIGHER EDUCATION
(Deemed to be University Established Under Section 3 of UGC Act 1956)
Coimbatore – 641 021.
(For the candidates admitted from 2016 onwards)
DEPARTMENT OF COMMERCE (CA)

	Syllabus	**Semester 5**
16CCU511A	**SOFTWARE DEVELOPMENT WITH VISUAL BASIC (PRACTICAL)**	**L T P C** **- - 4 2**

SCOPE:

- It deals with the knowledge in the basic concepts of event driven interface and builds skill to develop modern software programs using the language Visual Basic

OBJECTIVES:

- To develop the front end application using Visual Basic
- To implement the Windows based application software

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 Menu Operations
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.

Ex.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 Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project and Design the form.

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

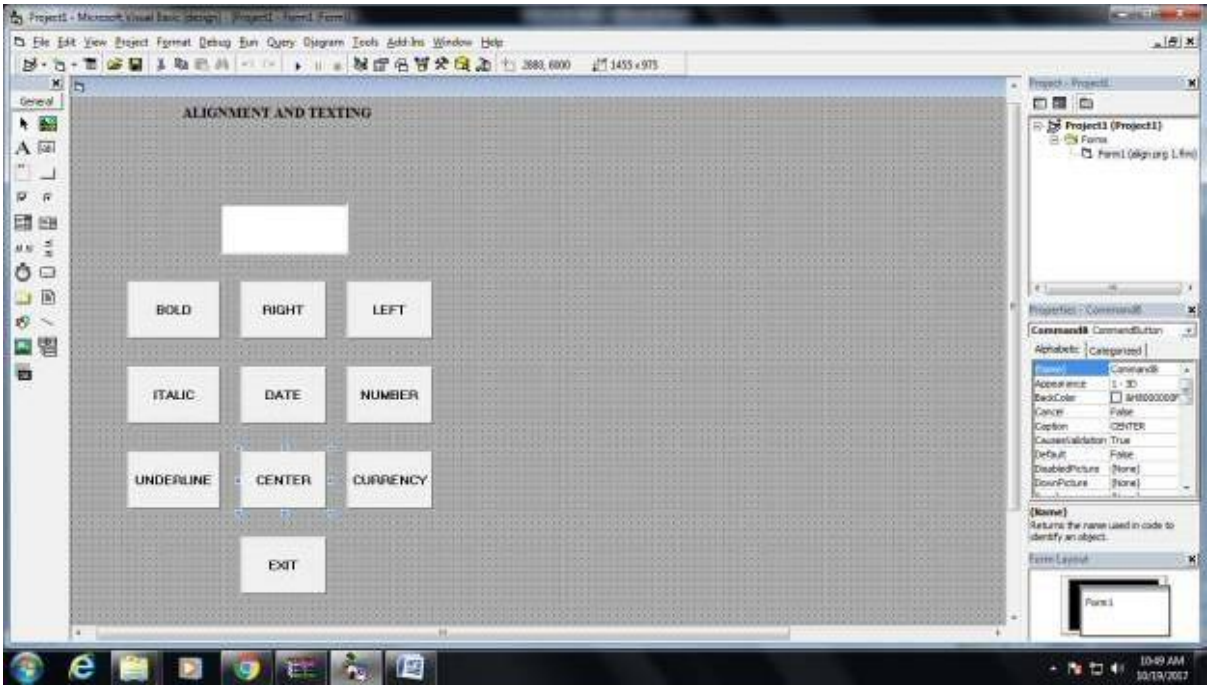
Step 6: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 8: Check the results.

Step 9: Stop the Process.

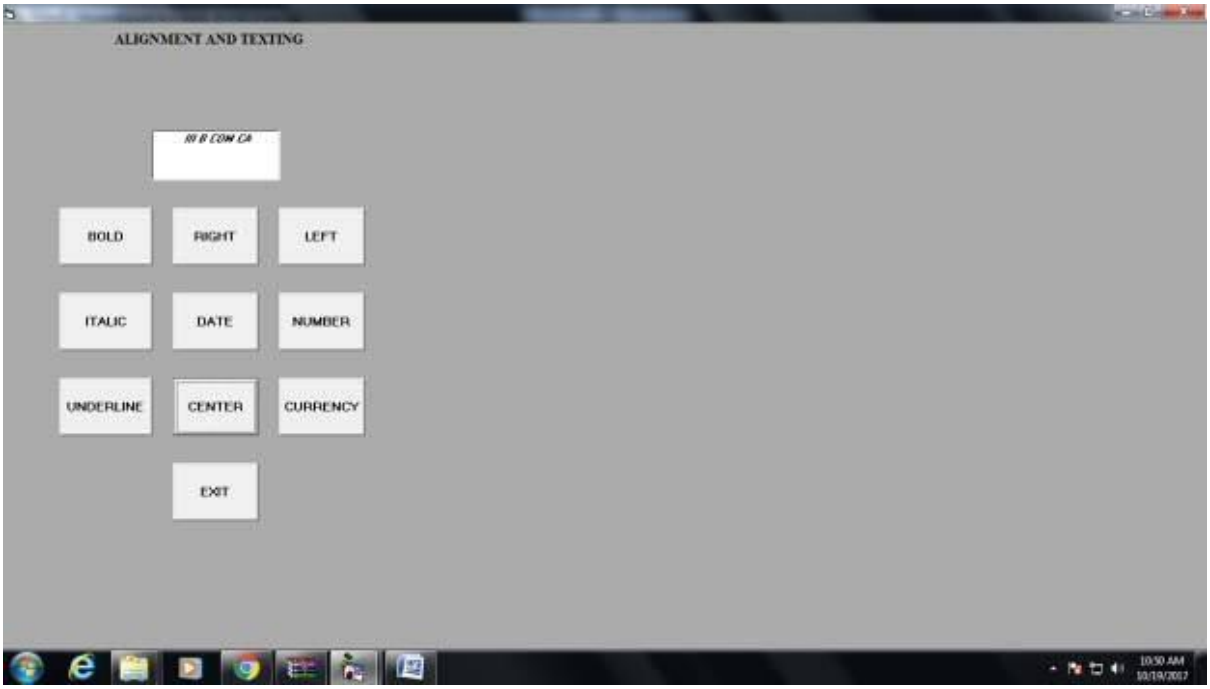
Form Design


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 :

The above program has been executed successfully and the output is verified.

Ex.No:2

Prime Number or Not Prime Number

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 Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click, New Project and start Designing the form.

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

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

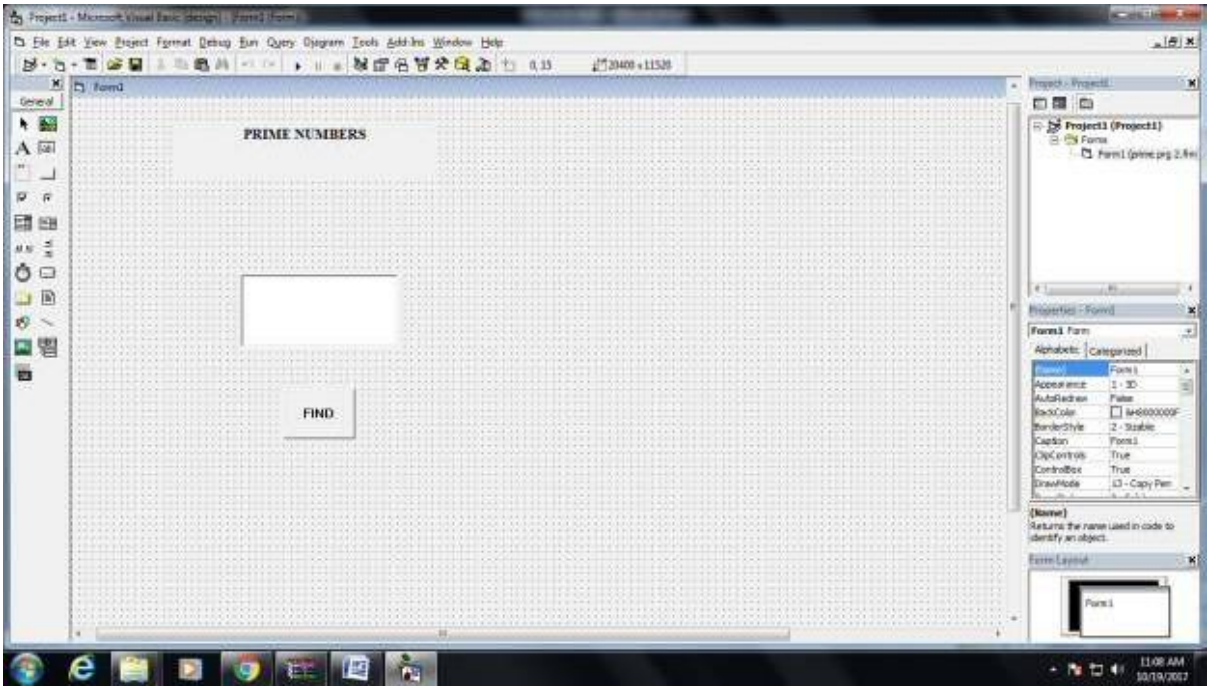
Step 7: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 9: Check the results.

Step 10: Stop the Process.

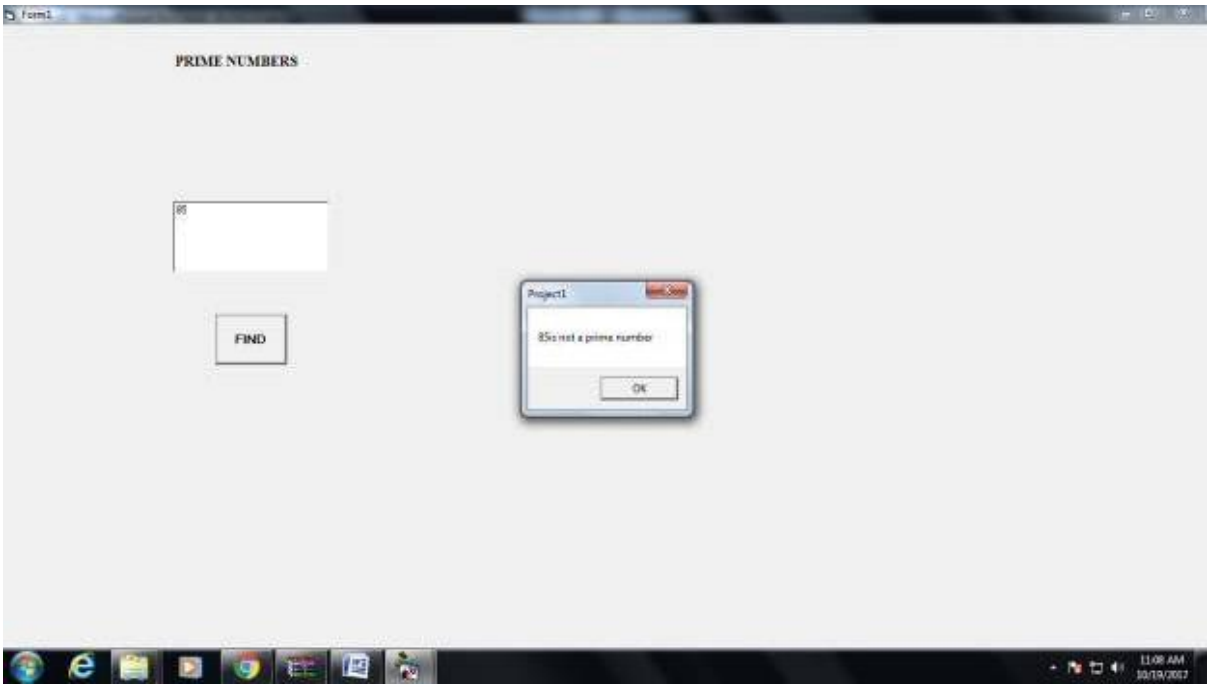
Form Design



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 = True
Exit For
Else
t = False
End If
Next
If t = True Then
MsgBox (i & " is a Prime Number")
Else
MsgBox (i & " is Not a Prime Number")
End If
End Sub
```

Output Form:



Result

The above program has been executed successfully and the output is verified.

Ex.No:3

SIMPLE INTEREST AND COMPOUND INTEREST

Aim:

To Write Visual Basic Program to calculate simple interest and compound interest.

Algorithm:

Step 1: Start the Process

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

Step 3: Open the Standard EXE window.

Step 4: Click, New Project and start Designing the form.

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

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

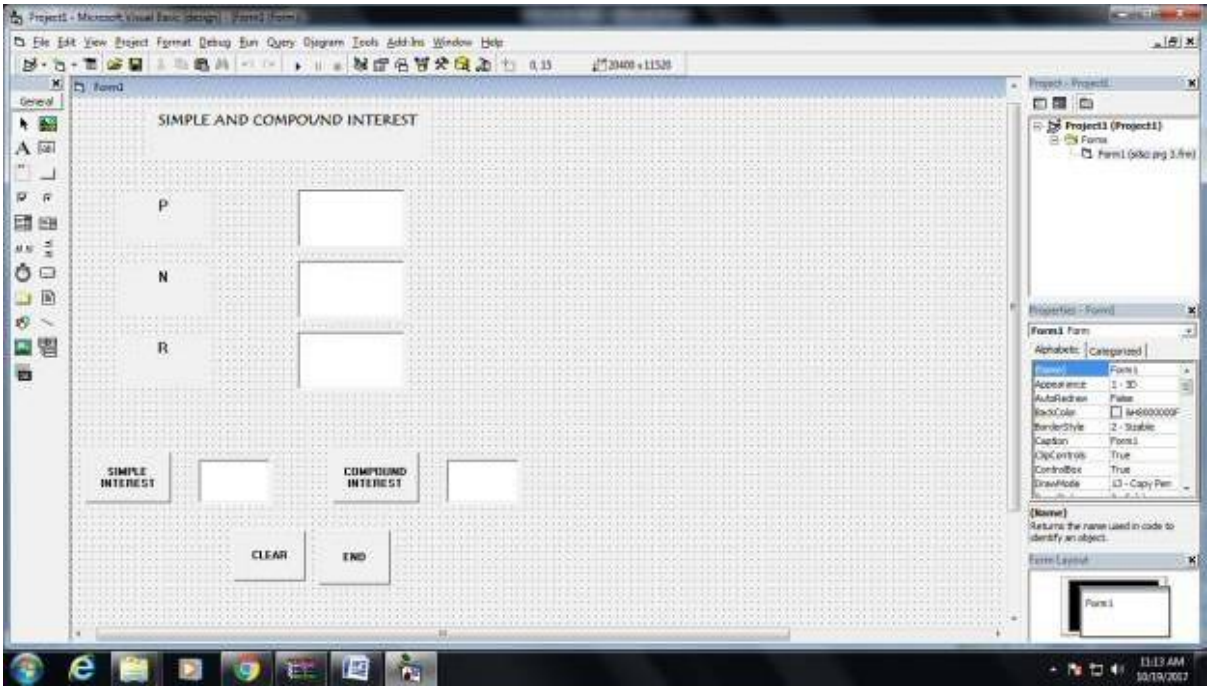
Step 7: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 9: Check the results.

Step 10: Stop the Process.

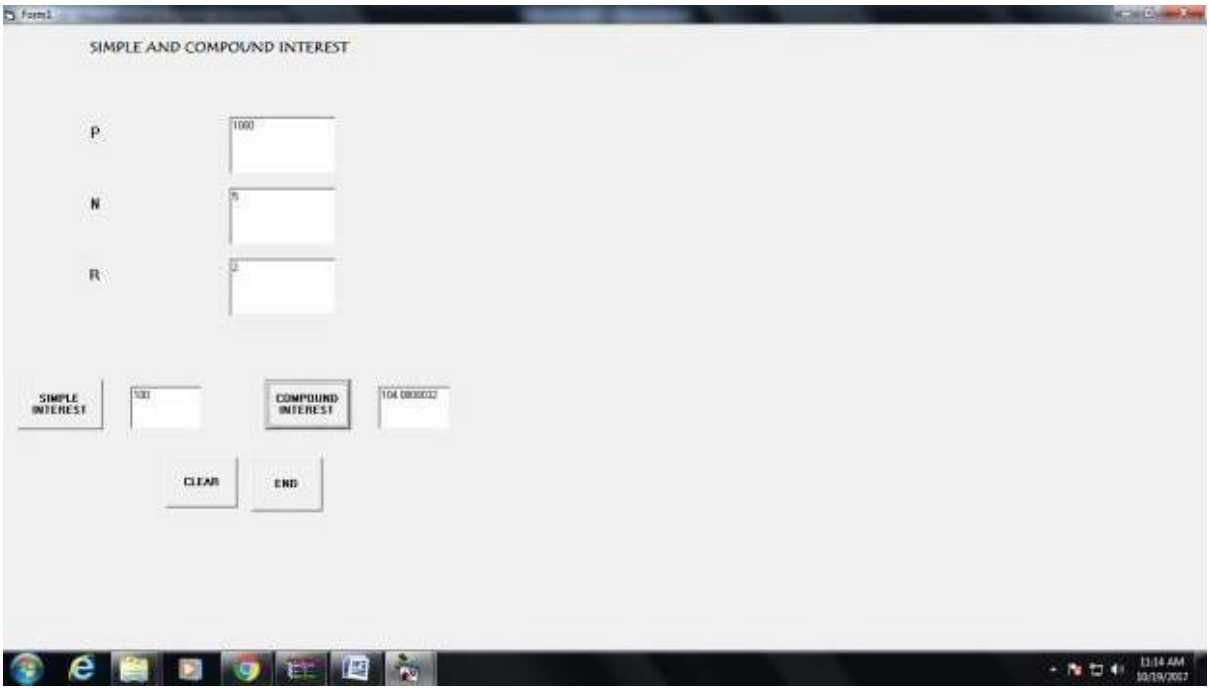
Form Design


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)
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

The above program has been executed successfully and the output is verified.

Ex.No:4

MARKLIST IMPLEMENTATION

Aim:

To write a VB Program to implement Marklist by computing total, average and result.

Algorithm:

Step 1: Start the Process

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

Step 3: Open the Standard EXE window.

Step 4: Click New Project and Design the form.

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

Step 6: Write the formula for computing total, average and result of the student in the exam.

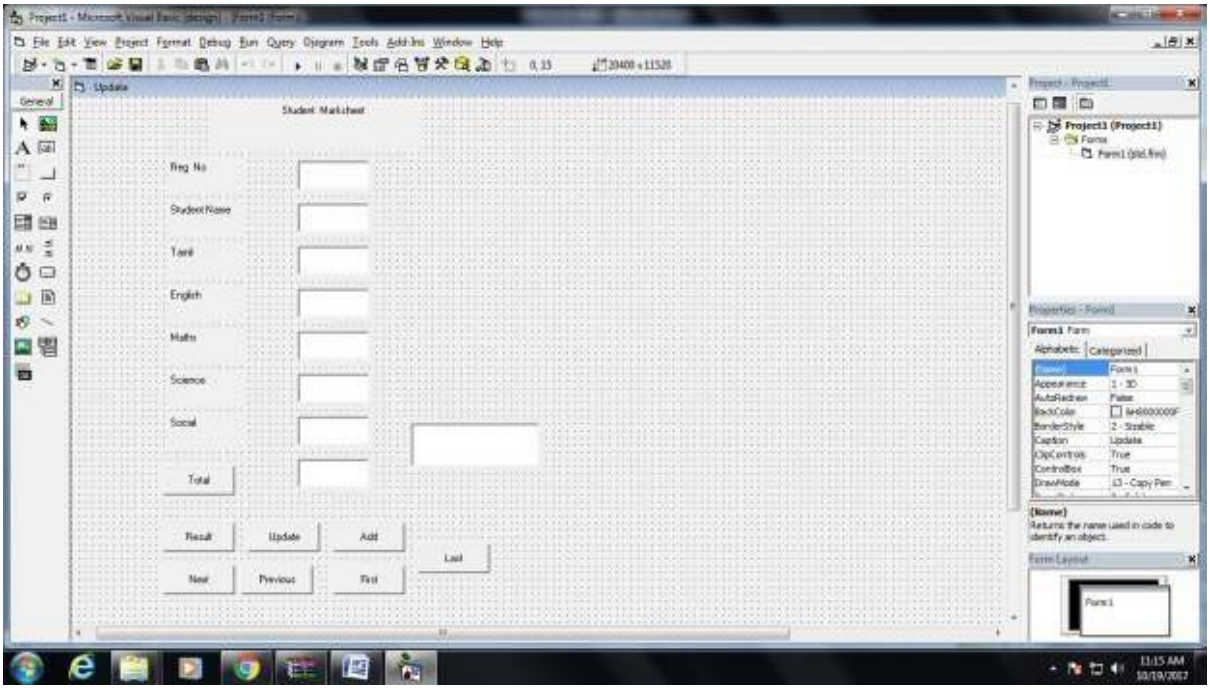
Step 7: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 9: Check the results.

Step 10: Stop the Process.

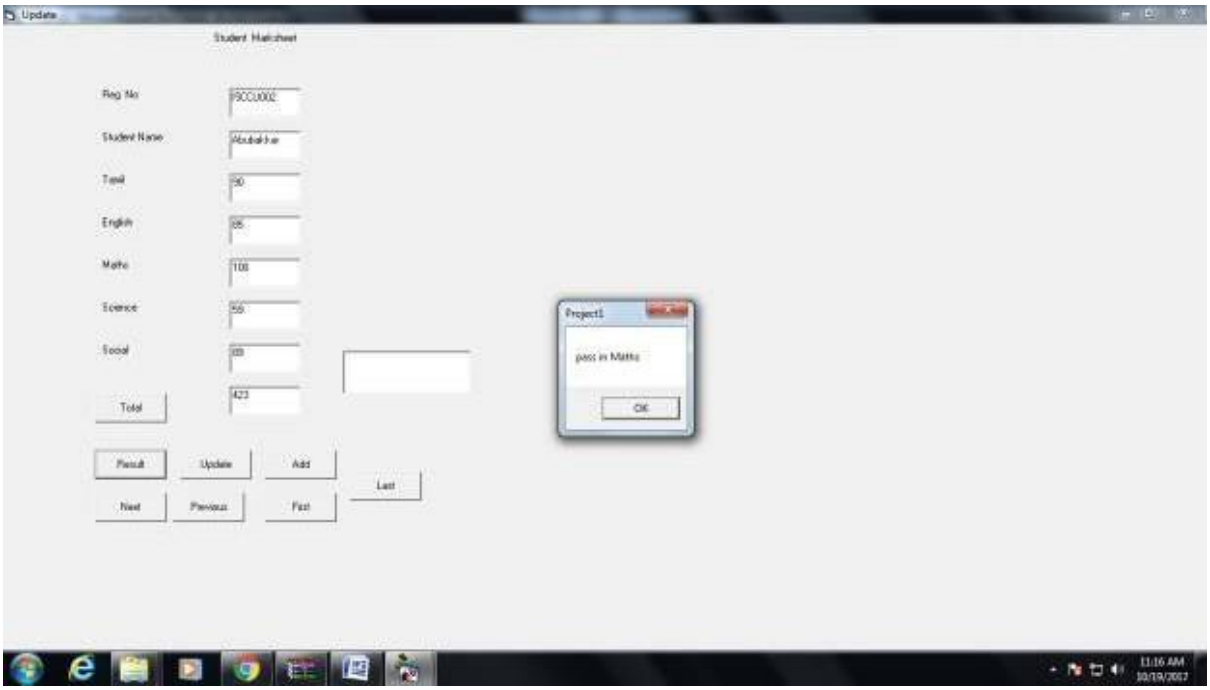
Form Design


Update
Student Marksheet
Reg No
Student Name
Tamil
English
Maths
Science
Social
Total
Result
Update
Add
Last
Next
Previous
First

Coding

```
Private Sub Command1_Click()
Text8.Text = Val(Text3.Text) + Val(Text4.Text) + Val(Text5.Text) + Val(Text6.Text) +
Val(Text7.Text)
Text9.Text = Val(Text8.Text )/ 5
End Sub

Private Sub Command2_Click()
If Val(Text3.Text) >= 50) & Val(Text4.Text) >=50) Then
If Val(Text5.Text) >= 50) & Val(Text6.Text) >=50) Then
If Val(Text7.Text)  >= 50 Then
Text10.Text = Pass
Else
Text10.Text =Fail
End If
Else
Text10.Text =Fail
End If
Else
Text10.Text =Fail
End If
End Sub

Private Sub Command3_Click()
Text1.Text = " "
Text2.Text = " "
Text3.Text = " "
Text4.Text = " "
Text5.Text = " "
Text6.Text = " "
Text7.Text = " "
Text8.Text = " "
Text9.Text = " "
Text10.Text = " "
End Sub

Private Sub Command4_Click()
End
End Sub
```

Output Form:



Result :

The above program has been executed successfully and the output is verified.

Ex.No:5

QUADRATIC EQUATION

Aim:

To Write Visual Basic Program to solve a Quadratic Equation.

Algorithm:

Step 1: Start the Process

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

Step 3: Open the Standard EXE window.

Step 4: Click, New Project and start Designing the form.

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

Step 6: Write formula to solve the quadratic equation.

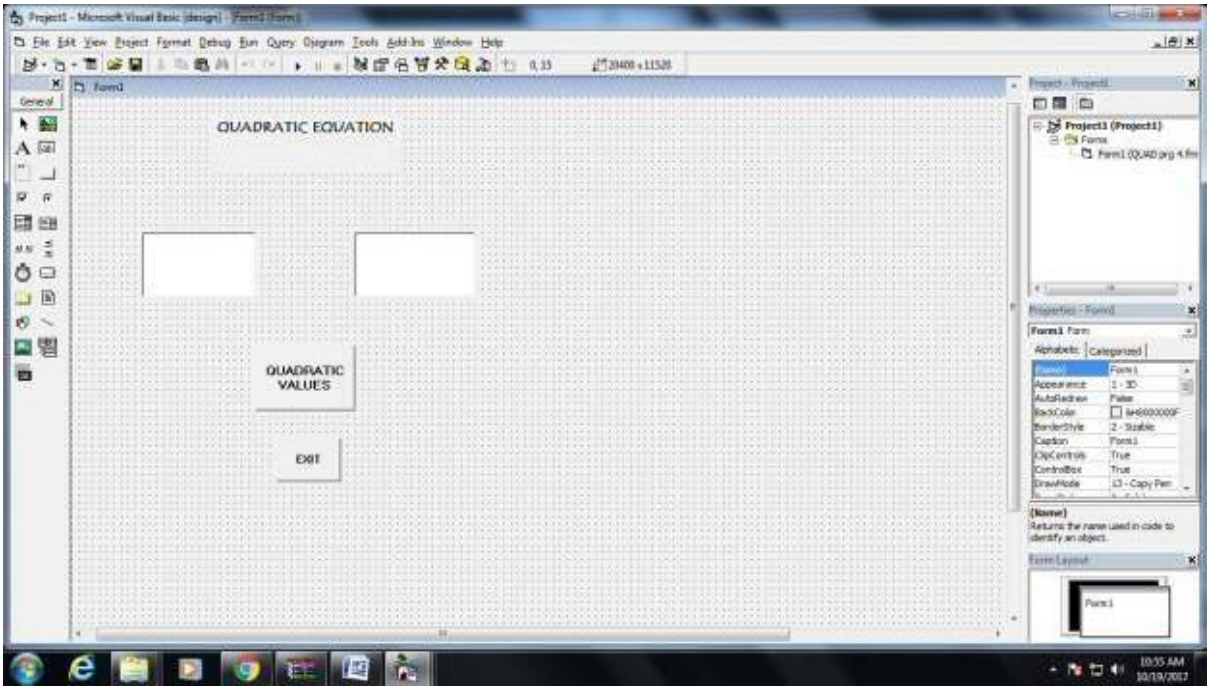
Step 7: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 9: Check the results.

Step 10: Stop the Process.

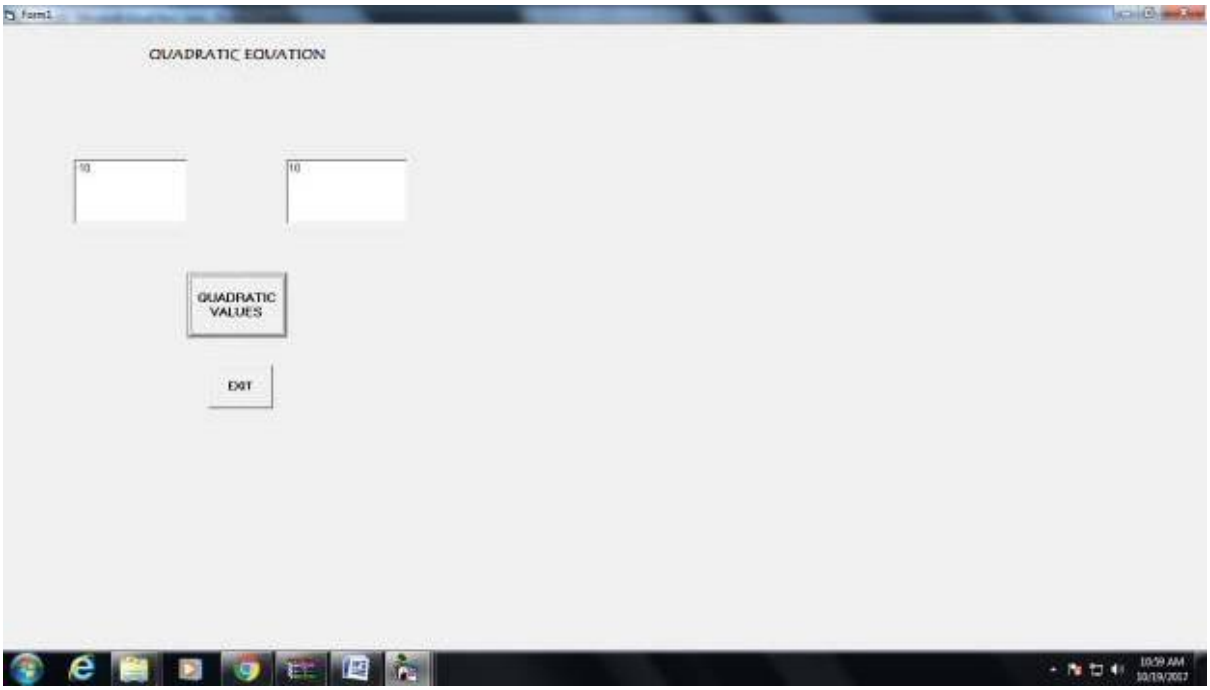
Form Design



Coding:

```
Private Sub Command1_Click()
Dim a, b, c, d As Integer
Dim r1, r2 As Integer
a = InputBox (“ Enter the value of a:”)
b = InputBox (“ Enter the value of b:”)
c = InputBox (“ Enter the value of c:”)
d = Sqr (b* b) – (4* a * c)
r1 = (-b + d) / (2 * a)
r2 = (-b - d) / (2 * a)
Text1.Text = r1
Text2.Text = r2
End Sub

Private Sub Command2_Click()
Text1.Text = “ “
Text2.Text = “ “
End Sub

Private Sub Command3_Click()
End
End Sub
```

Output Form:



Result

The above program has been executed successfully and the output is verified.

Ex.No:6

STRING MANIPULATION USING STRING FUNCTIONS

Aim:

To Write Visual Basic Program to manipulate string using string functions

Algorithm:

Step 1: Start the Process

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

Step 3: Open the Standard EXE window.

Step 4: Click, New Project and start Designing the form.

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

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

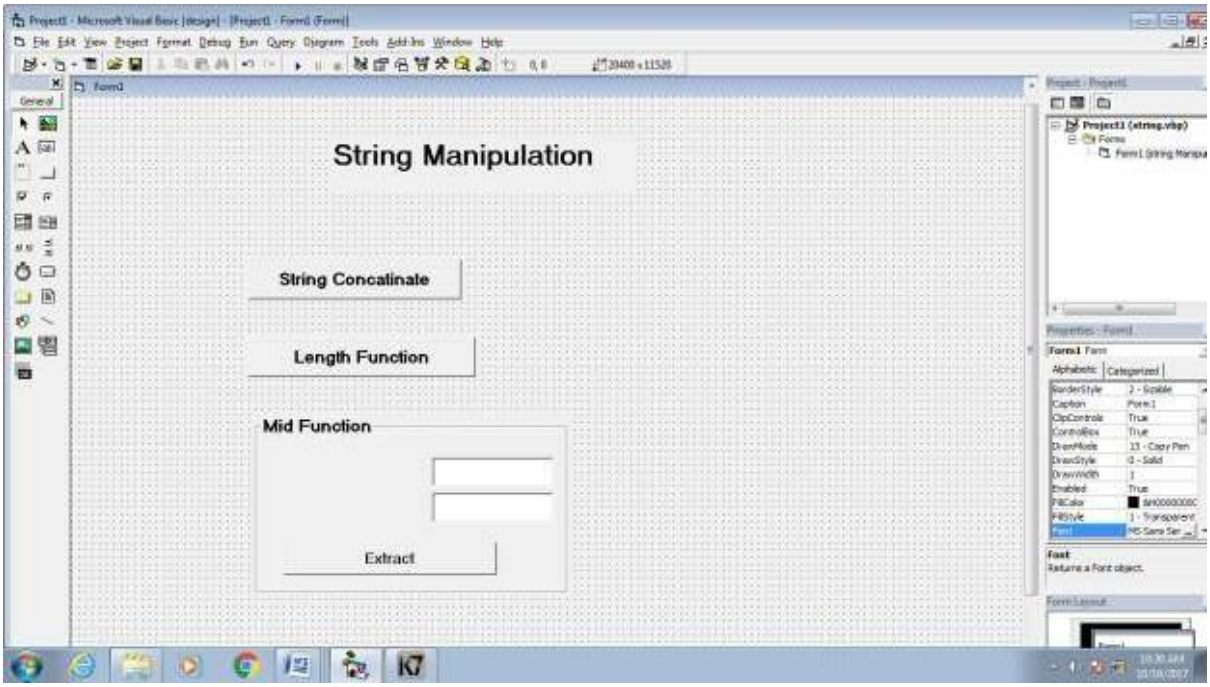
Step 7: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 9: Check the results.

Step 10: Stop the Process.

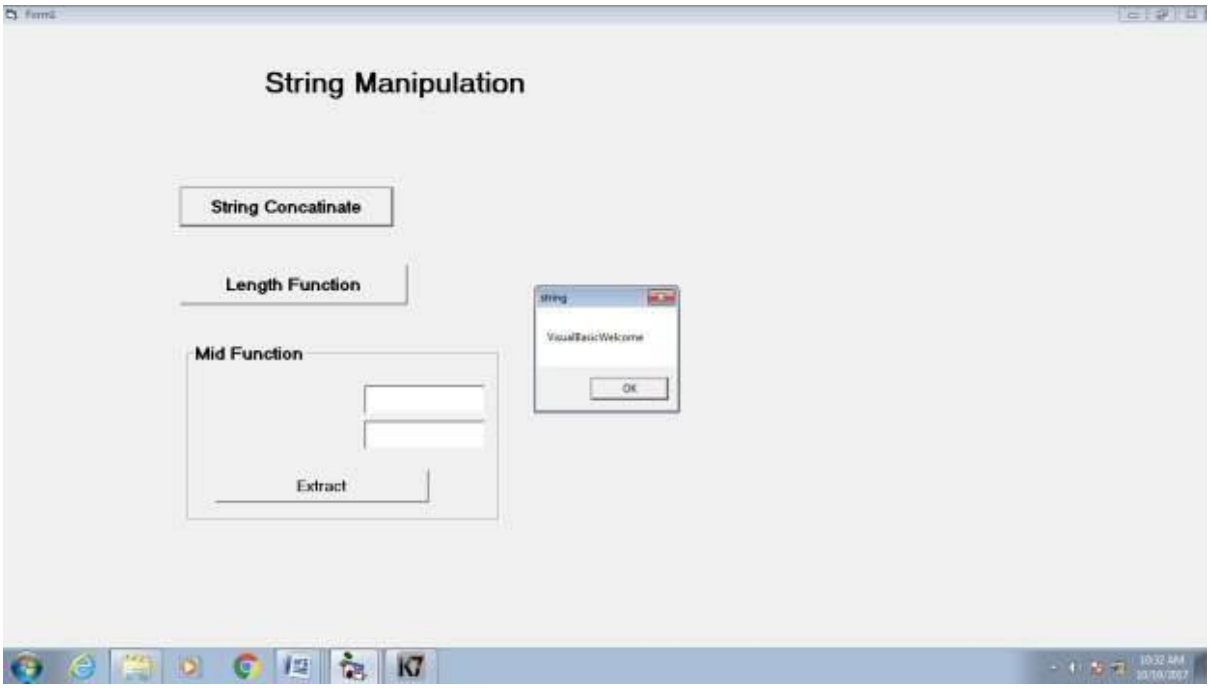
Form Design


String Manipulation
String Concatinate
Length Function
Mid Function
Extract

Coding:

```
Dim str1, str2, str3, str As String
Dim MyText, myPhrase As String
Private Sub Command1_Click()
str1 =”Visual”
str2 = “Basic”
str3 = “Welcome”
str = str1 + str2 + str3
MsgBox (str)
End Sub

Private Sub Command2_Click()
myPhrase = InputBox (“Enter your phrase”)
Text1.Text = Mid(myPhrase, 2, 6)
End Sub

Private Sub Command3_Click()
MyText = “Visual Basic 2017”
MsgBox (Len(MyText))
End Sub

Private Sub Command4_Click()
End
End Sub
```

Output Form:



Result

The above program has been executed successfully and the output is verified.

Ex.No:7

CALCULATOR

Aim:

To write a VB Program to implement calculator performing addition, subtraction, multiplication and division operations.

Algorithm:

Step 1: Start the Process

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

Step 3: Open the Standard EXE window.

Step 4: Click New Project and Design the form.

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

Step 6: Write the formula for addition, subtraction, multiplication and division.

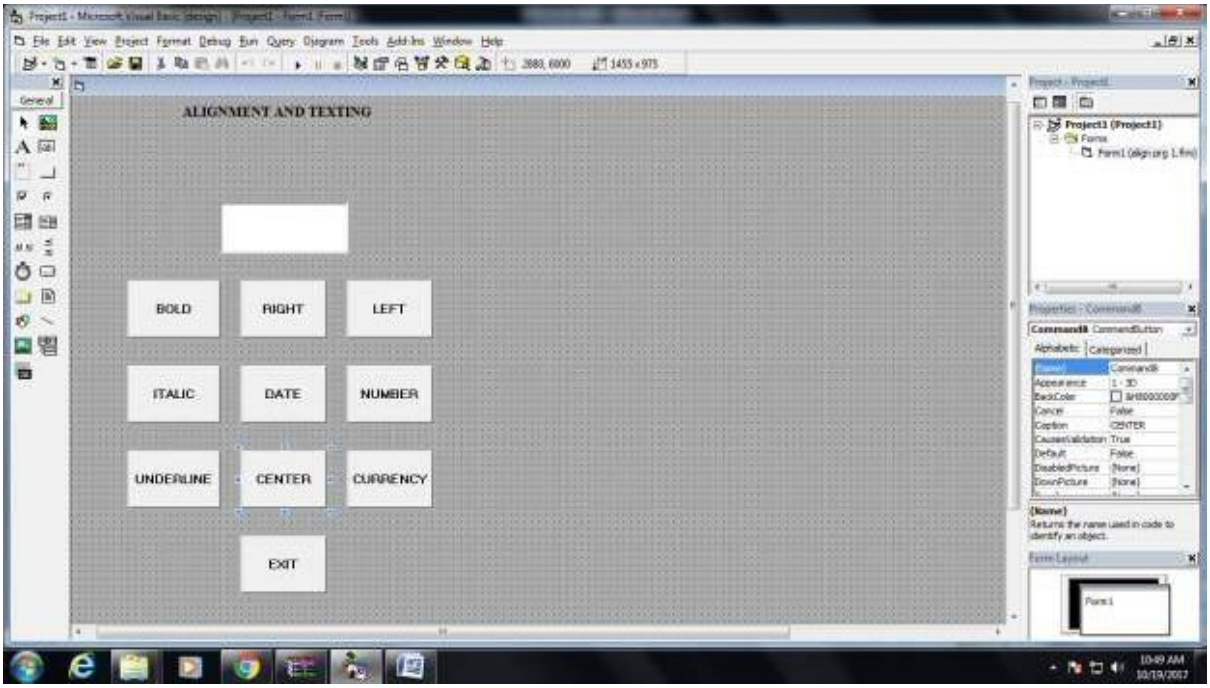
Step 7: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 9: Check the results.

Step 10: Stop the Process.

Form Design

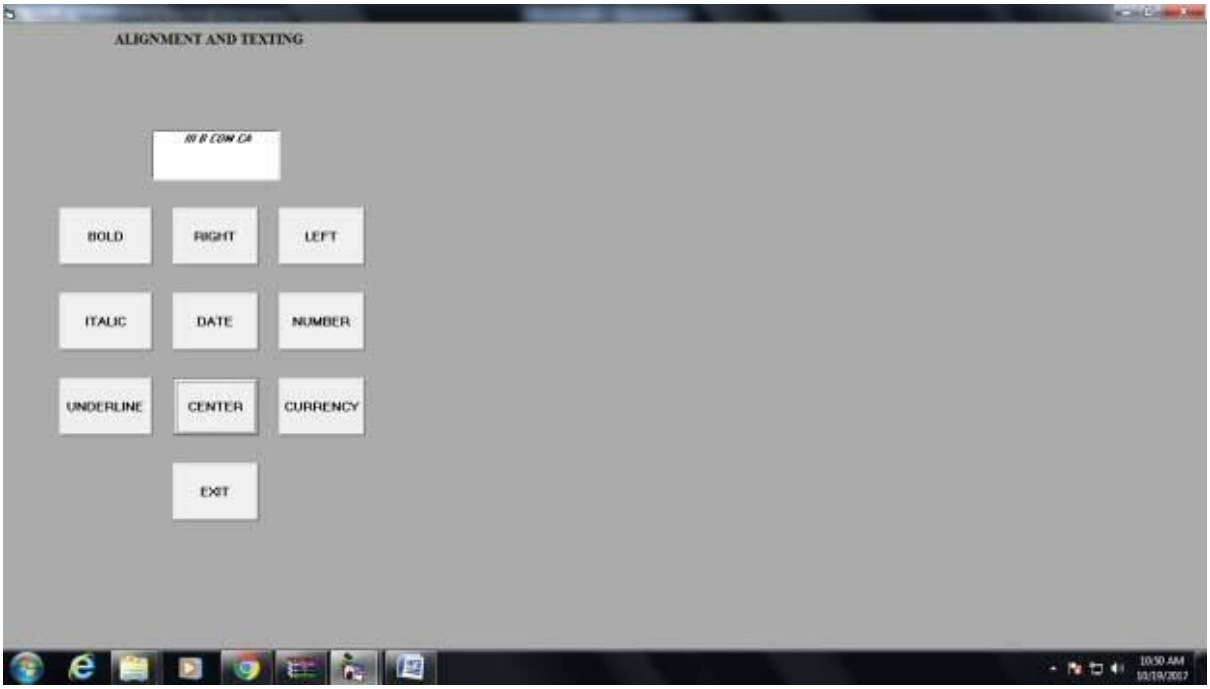

ALIGNMENT AND TEXTING
BOLD
RIGHT
LEFT
ITALIC
DATE
NUMBER
UNDERLINE
CENTER
CURRENCY
EXIT

Coding

```
Dim a, b, c As Integer
Dim op As Integer

Private Sub Command10_Click()
text1.text = text1.text + "0"
End Sub

Private Sub Command1_Click()
text1.text = text1.text + "1"
End Sub

Private Sub Command2_Click()
text1.text = text1.text + "2"
End Sub

Private Sub Command3_Click()
text1.text = text1.text + "3"
End Sub

Private Sub Command4_Click()
text1.text = text1.text + "4"
End Sub

Private Sub Command5_Click()
text1.text = text1.text + "5"
End Sub

Private Sub Command6_Click()
text1.text = text1.text + "6"
End Sub

Private Sub Command7_Click()
text1.text = text1.text + "7"
End Sub

Private Sub Command8_Click()
text1.text = text1.text + "8"
End Sub

Private Sub Command9_Click()
text1.text = text1.text + "9"
End Sub

Private Sub Command11_Click()
text1.text = text1.text + "."
End Sub

Private Sub Command12_Click()
op = 1
a = Val(text1.text)
```

```
text1.text = " "
End Sub

Private Sub Command13_Click()
op= 3
a = Val(text1.text)
text1.text = " "
End Sub

Private Sub Command14_Click()
op = 2
a = Val(text1.text)
text1.text= " "
End Sub

Private Sub Command15_Click()
op = 4
a = Val(text1.text)
text1.text= " "
End Sub

Private Sub Command16_Click()
text1.text= " "
End Sub

Private Sub Command17_Click()
b = Val(text1.text)
Select Case op
Case Is = 1
c= a+ b
Case Is = 2
c= a- b
Case Is = 3
c= a* b
Case Is = 4
c= a/ b
End Select
text1.text= c
End Sub

Private Sub Command18_Click()
End
End Sub
```

Output Form:



Result :

The above program has been executed successfully and the output is verified.

Ex.No:2

Prime Number or Not Prime Number

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 Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click, New Project and start Designing the form.

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

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

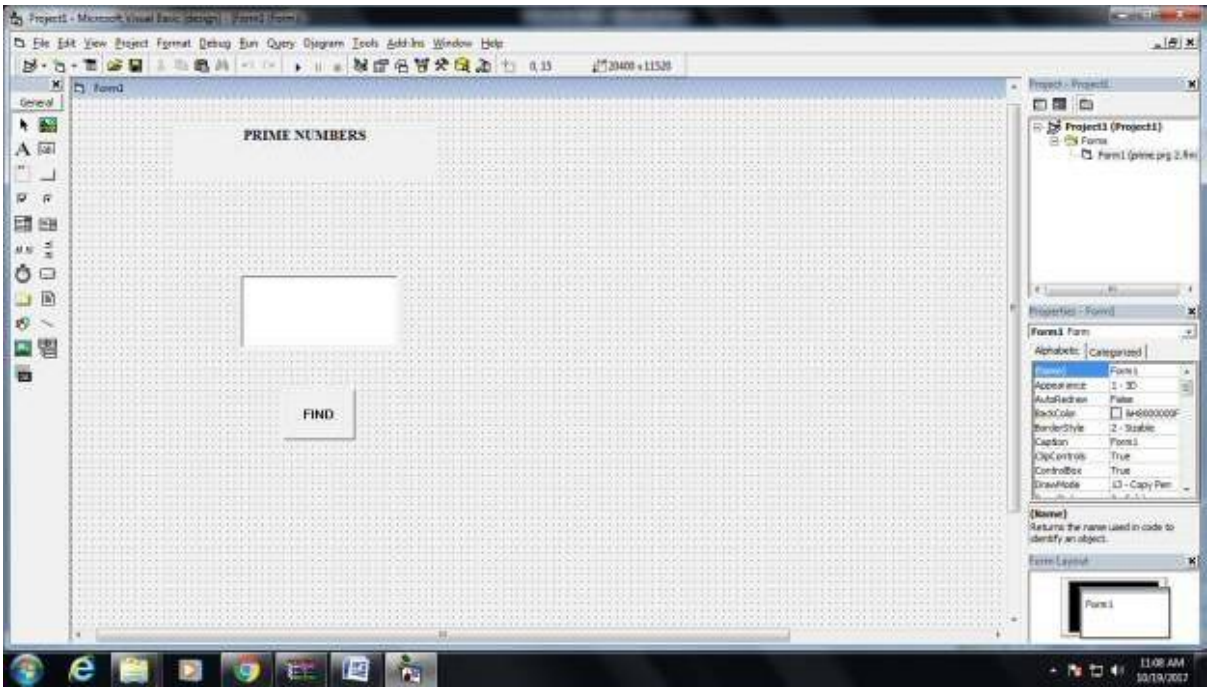
Step 7: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 9: Check the results.

Step 10: Stop the Process.

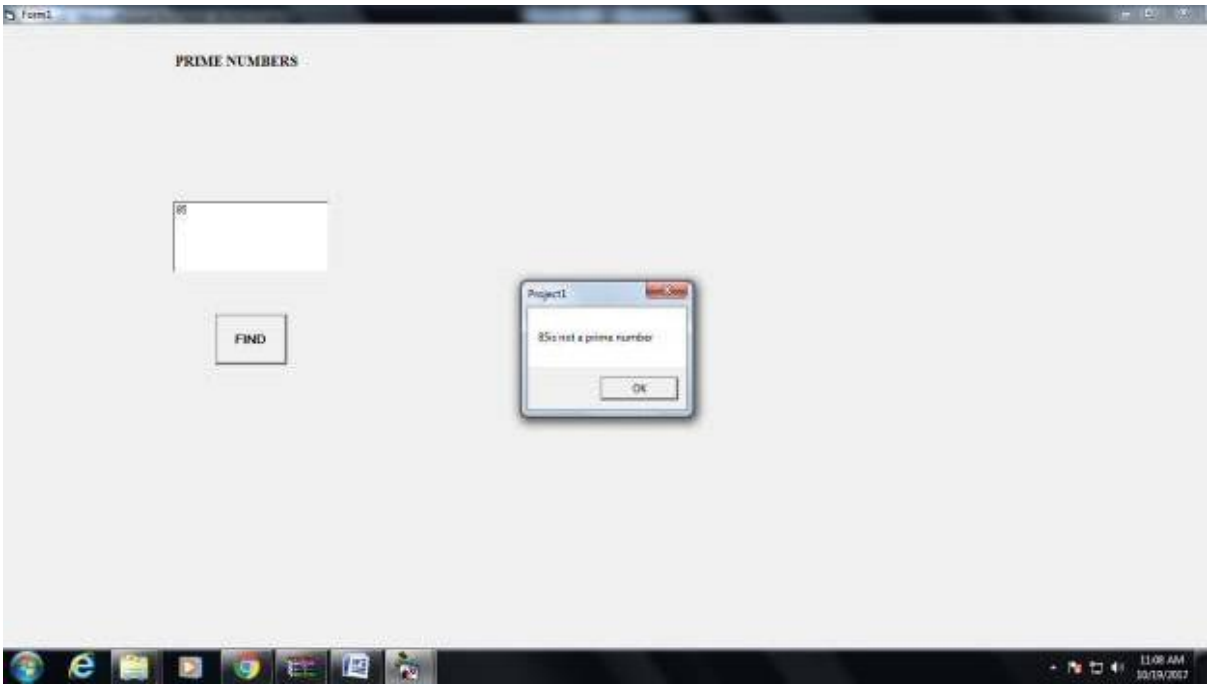
Form Design



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 = True
Exit For
Else
t = False
End If
Next
If t = True Then
MsgBox (i & " is a Prime Number")
Else
MsgBox (i & " is Not a Prime Number")
End If
End Sub
```

Output Form:



Result

The above program has been executed successfully and the output is verified.

Ex.No:3

SIMPLE INTEREST AND COMPOUND INTEREST

Aim:

To Write Visual Basic Program to calculate simple interest and compound interest.

Algorithm:

Step 1: Start the Process

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

Step 3: Open the Standard EXE window.

Step 4: Click, New Project and start Designing the form.

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

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

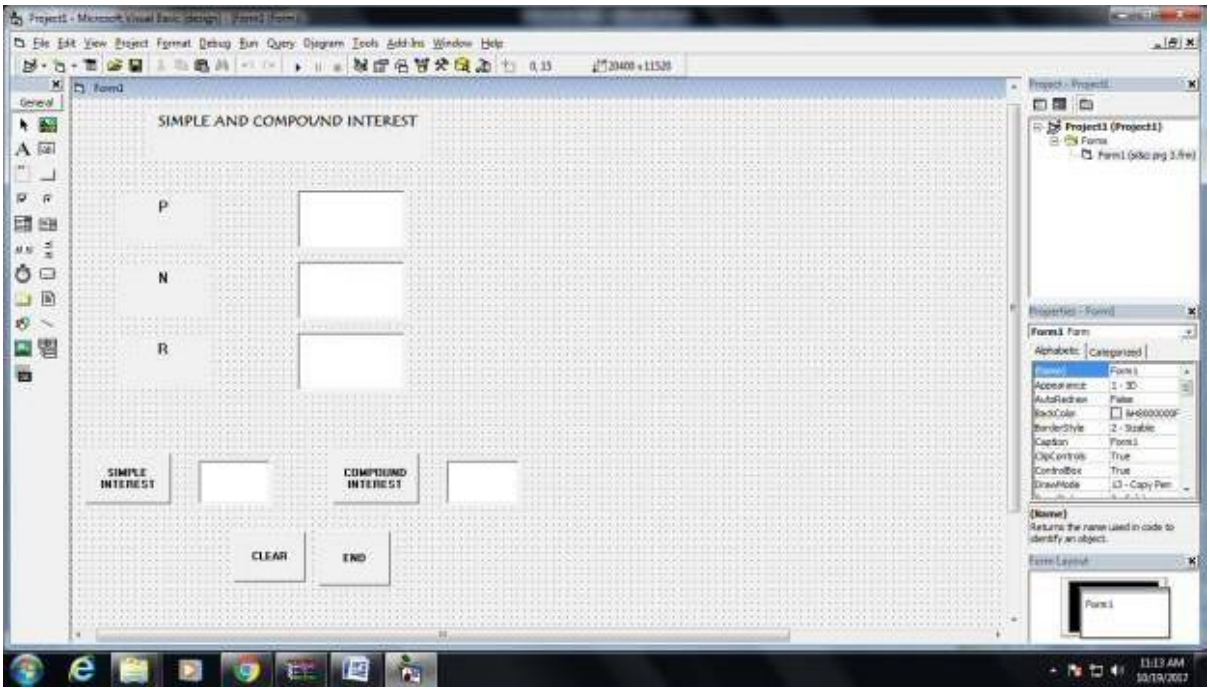
Step 7: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 9: Check the results.

Step 10: Stop the Process.

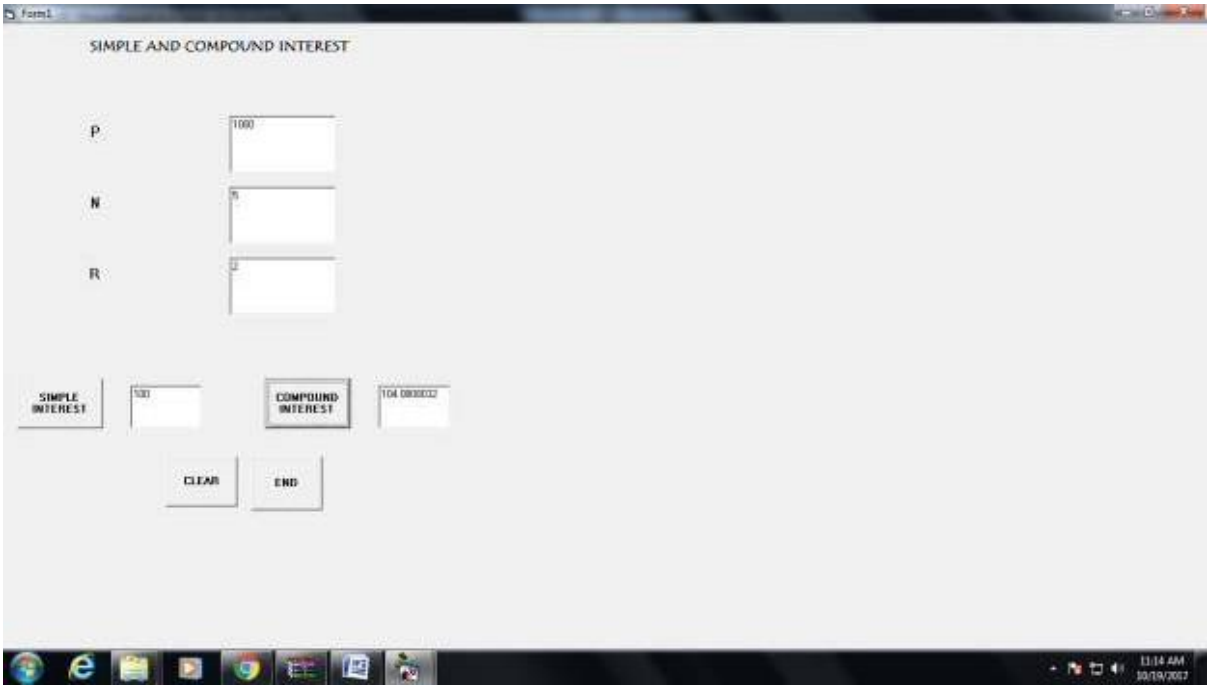
Form Design


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)
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

The above program has been executed successfully and the output is verified.

Ex.No:10

CALCULATOR

Aim:

To write a VB Program to present 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 Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project and Design the form.

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

Step 6: Write the formula for purchase, sales and profit calculations.

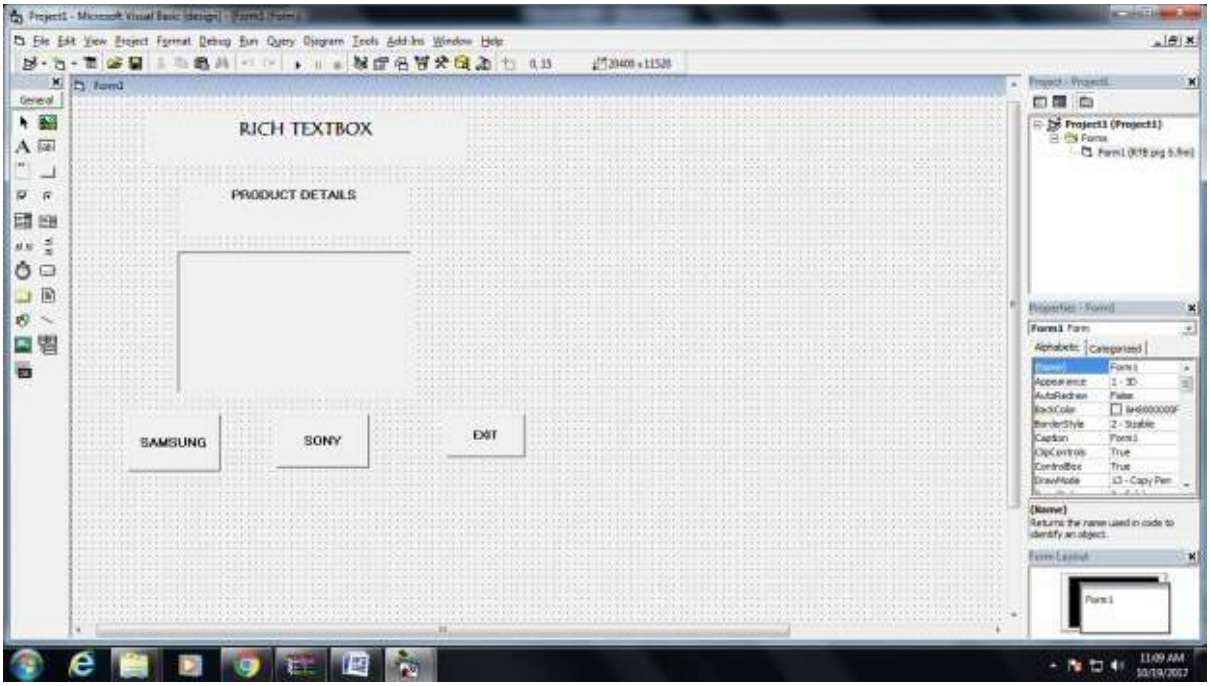
Step 7: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 9: Check the results.

Step 10: Stop the Process.

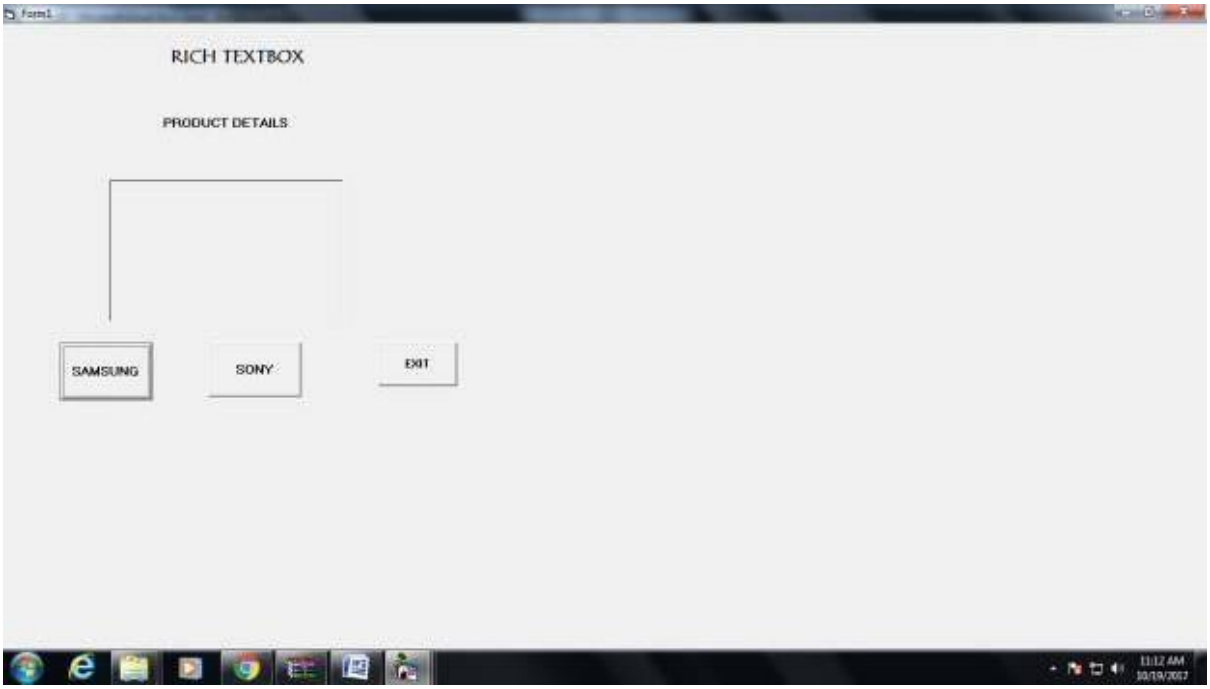
Form Design



Coding

```
Dim p(1 To 4) As String

Private Sub Command1_Click()
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()
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 :

The above program has been executed successfully and the output is verified.

Ex.No:11

EMPLOYEE DETAILS

Aim:

To Write Visual Basic Program to implement Employee Details using ADO.

Algorithm:

Step 1: Start the Process

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

Step 3: Open the Standard EXE window.

Step 4: Click, New Project and start Designing the form.

Step 5: Design the forms and project according to the program using tools such as Label, Text Box, 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 Object.

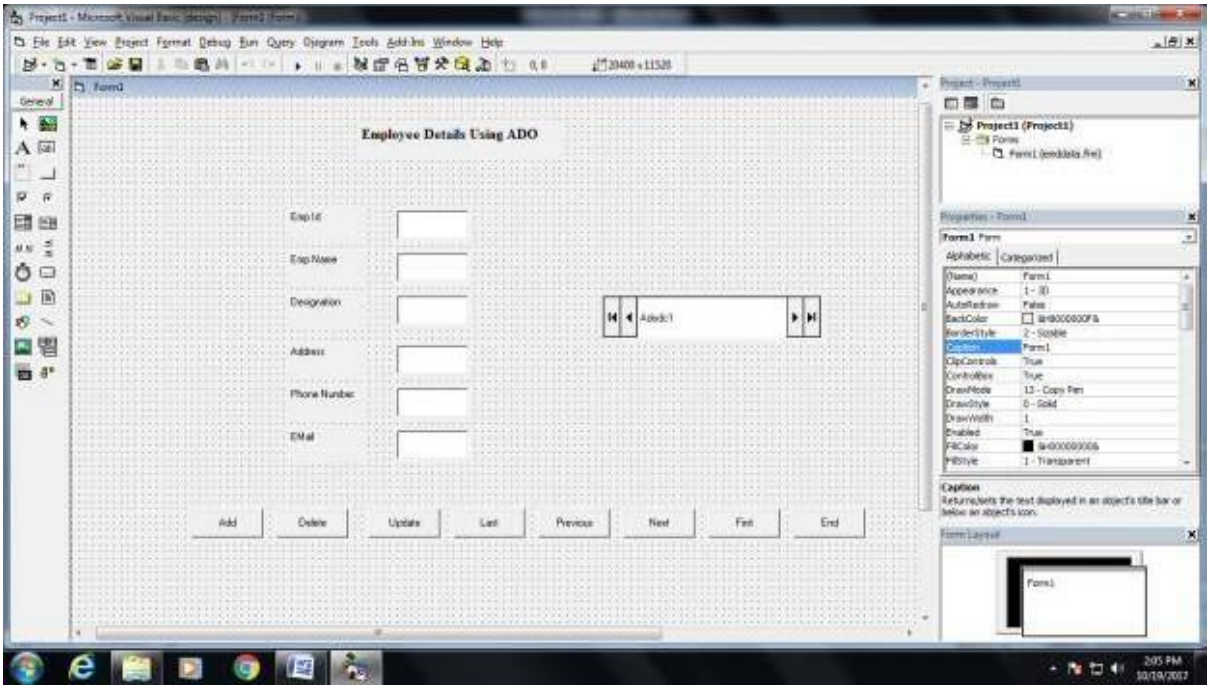
Step 8: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 10: Check the results.

Step 11: Stop the Process.

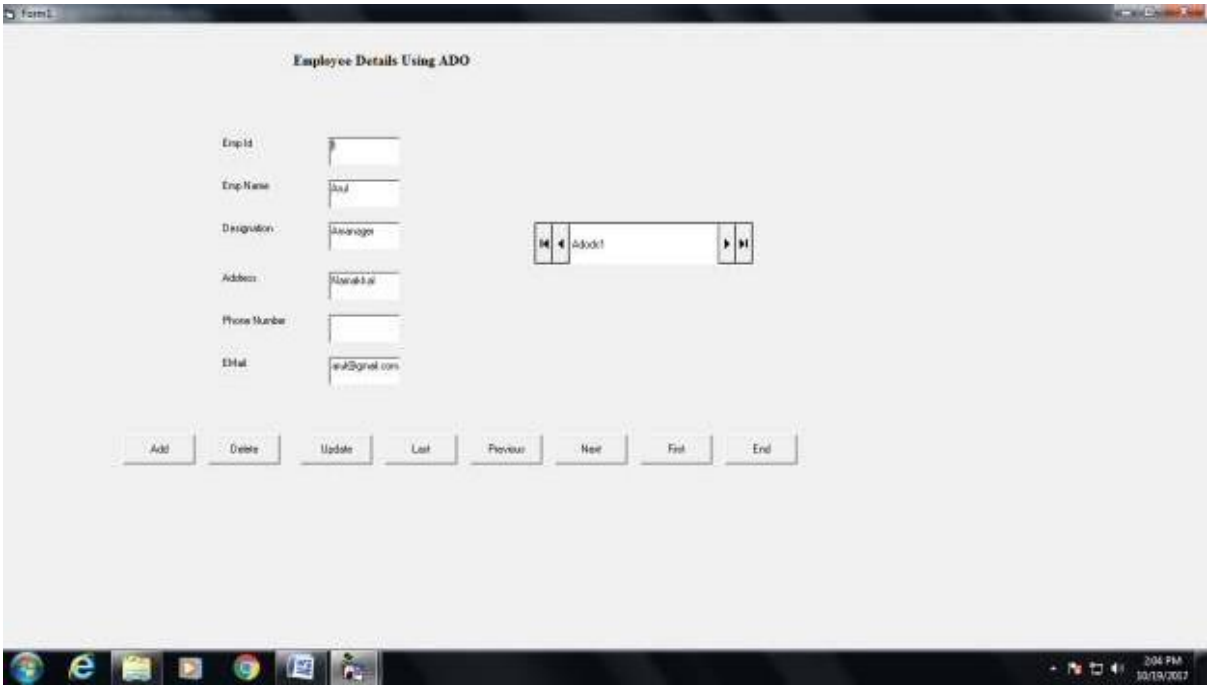
Form Design


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

Coding:

```
Private Sub Command1_Click()
Adodc1.Recordset.MoveNext
MsgBox “This is the next record”
End Sub

Private Sub Command2_Click()
Adodc1.Recordset.MovePrevious
MsgBox “This is the previous  record”
End Sub

Private Sub Command3_Click()
Adodoc1.Recordset.AddNew
Text1.Text = “ “
Text2.Text = “ “
Text3.Text = “ “
Text4.Text = “ “
Text5.Text = “ “
Text6.Text = “ “
Text7.Text = “ “
MsgBox “The record is added successfully”
End Sub

Private Sub Command4_Click()
Adodc1.Recordset.Delete
MsgBox “The record is deleted”
End Sub

Private Sub Command5_Click()
Adodc1.Recordset.Update
 MsgBox “The record is updated”
End Sub

Private Sub Command6_Click()
End
End Sub
```

Output Form:



Result

The above program has been executed successfully and the output is verified.

Ex.No:12

PAY SLIP

Aim:

To Write Visual Basic Program to implement pay slip for an organization by creating a database using SQL and ADO Control.

Algorithm:

Step 1: Start the Process

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

Step 3: Open the Standard EXE window.

Step 4: Click, New Project and start Designing the form.

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

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

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

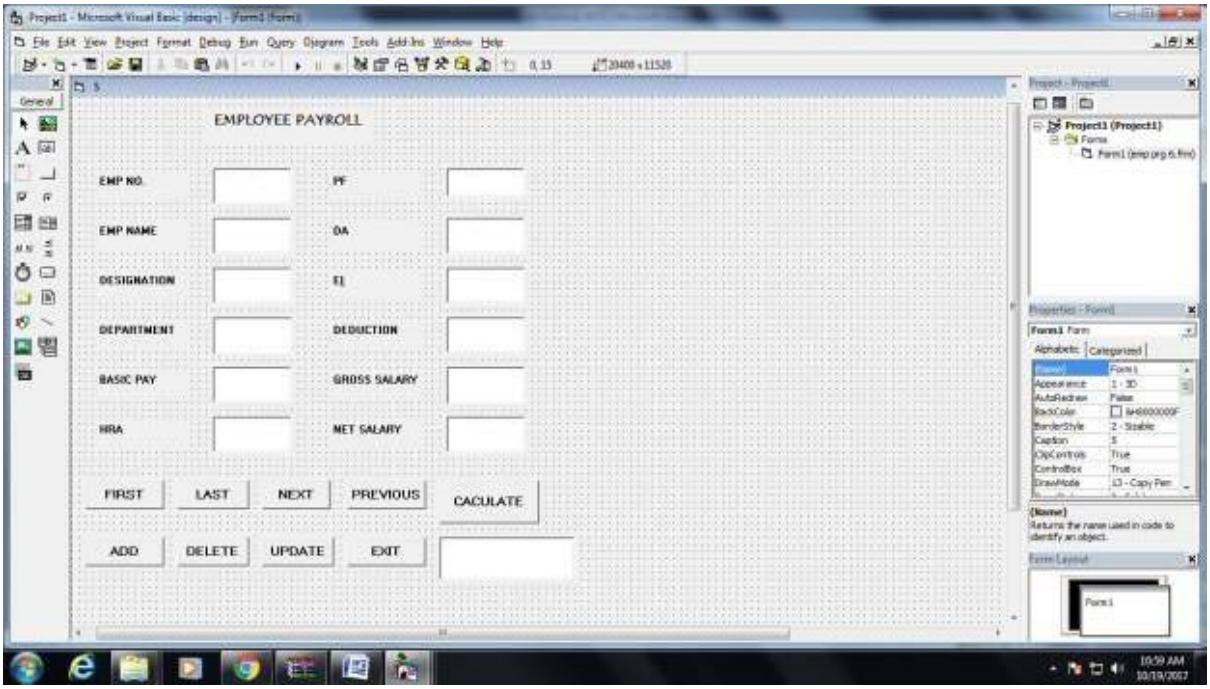
Step 8: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 10: Check the results.

Step 11: Stop the Process.

Form Design

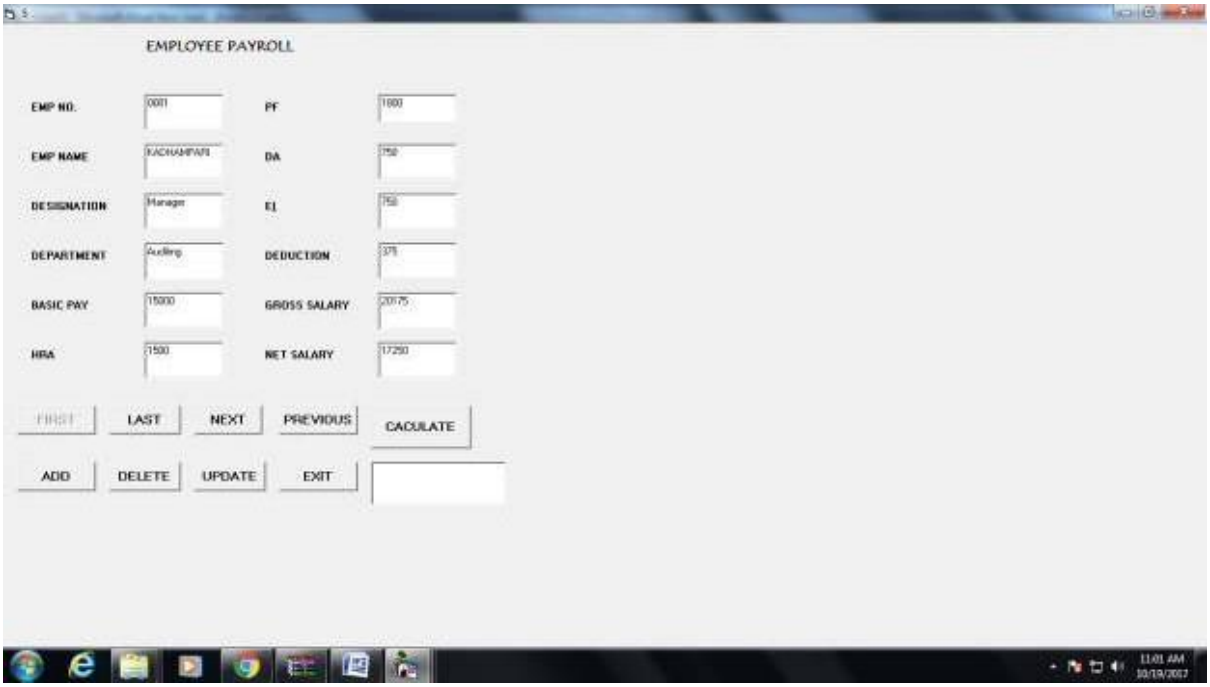

EMPLOYEE PAYROLL
EMP NO.
EMP NAME
DESIGNATION
DEPARTMENT
BASIC PAY
HRA
PF
DA
EI
DEDUCTION
GROSS SALARY
NET SALARY
FIRST
LAST
NEXT
PREVIOUS
CACULATE
ADD
DELETE
UPDATE
EXIT

Coding:

```
Private Sub Command1_Click()
Adodc1.Recordset.MoveNext
MsgBox “This is the next record”
End Sub

Private Sub Command2_Click()
Adodc1.Recordset.MovePrevious
MsgBox “This is the previous  record”
End Sub

Private Sub Command3_Click()
Adodoc1.Recordset.AddNew
Text1.Text = “ “
Text2.Text = “ “
Text3.Text = “ “
Text4.Text = “ “
Text5.Text = “ “
Text6.Text = “ “
Text7.Text = “ “
MsgBox “The record is added successfully”
End Sub

Private Sub Command4_Click()
Adodc1.Recordset.Delete
MsgBox “The record is deleted”
End Sub

Private Sub Command5_Click()
Adodc1.Recordset.Update
 MsgBox “The record is updated”
End Sub

Private Sub Command6_Click()
End
End Sub
```

```
Private Sub Command7_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 Form:



Result

The above program has been executed successfully and the output is verified.

Ex.No:13

BANK CUSTOMER DATABASE

Aim:

To write a 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 Basic 6.0

Step 3: Open the Standard EXE window.

Step 4: Click New Project and Design the form.

Step 5: Design the forms and project according to the program using tools such as Rich Text Box, 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.

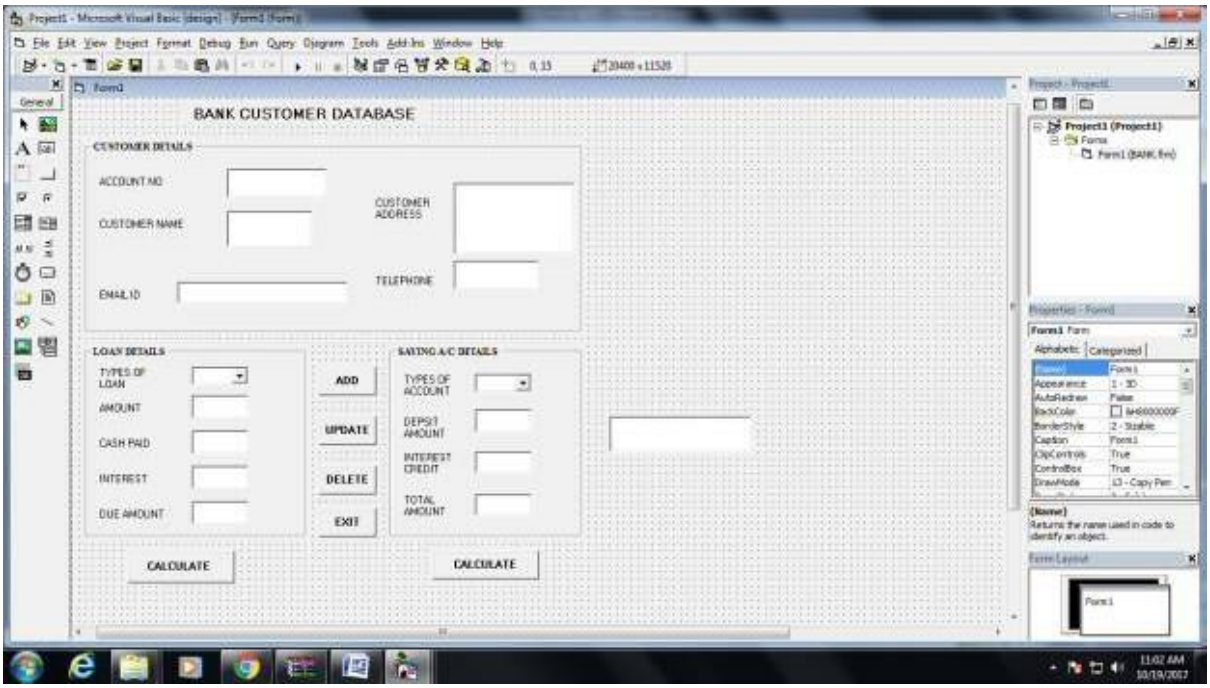
Step 8: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 10: Check the results.

Step 11: Stop the Process.

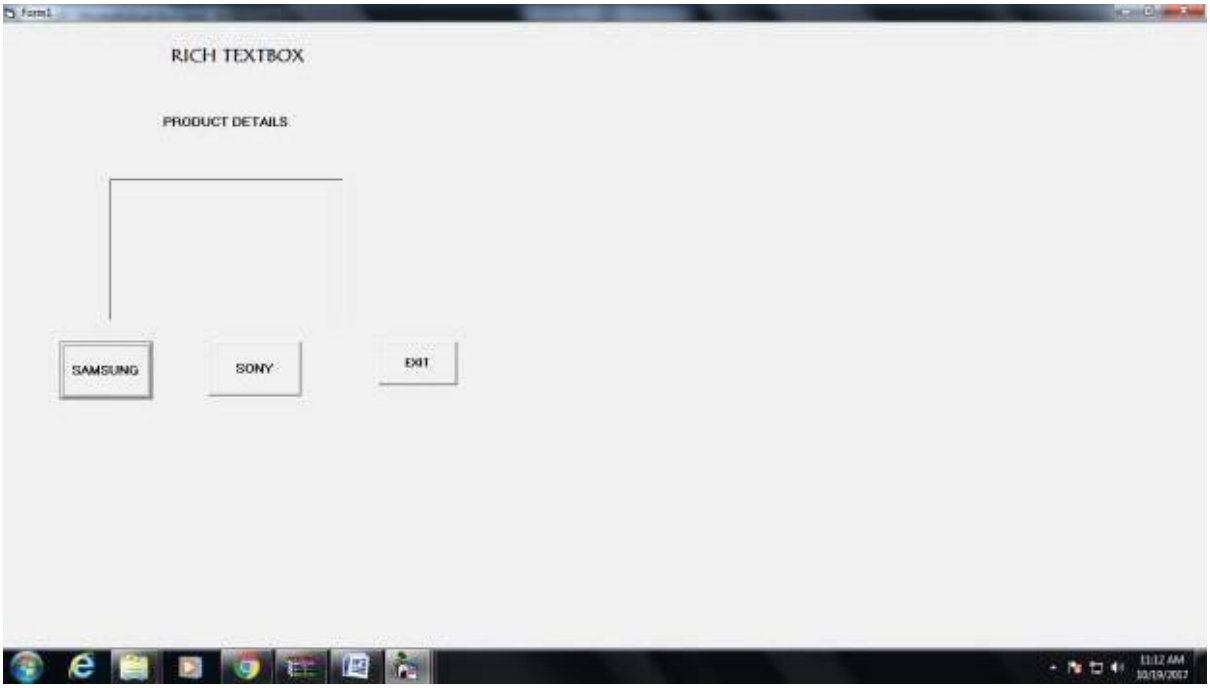
Form Design


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()
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 :

The above program has been executed successfully and the output is verified.

Ex.No:11

EMPLOYEE DETAILS

Aim:

To Write Visual Basic Program to implement Employee Details using ADO.

Algorithm:

Step 1: Start the Process

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

Step 3: Open the Standard EXE window.

Step 4: Click, New Project and start Designing the form.

Step 5: Design the forms and project according to the program using tools such as Label, Text Box, 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 Object.

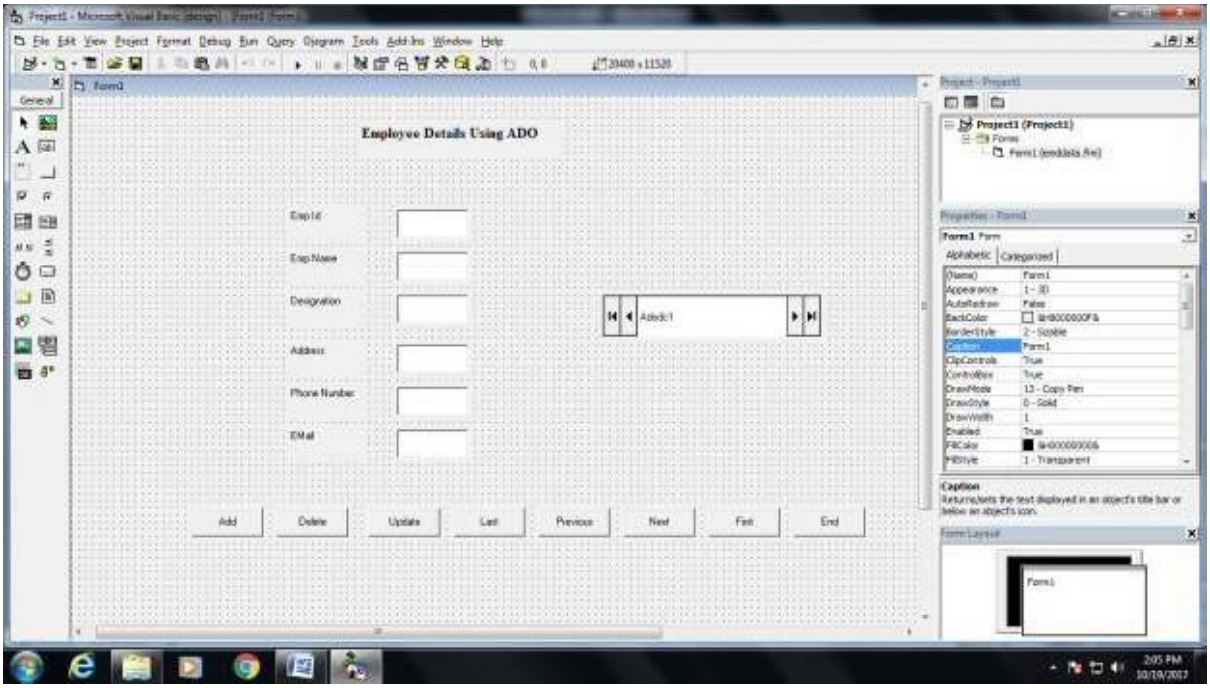
Step 8: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 10: Check the results.

Step 11: Stop the Process.

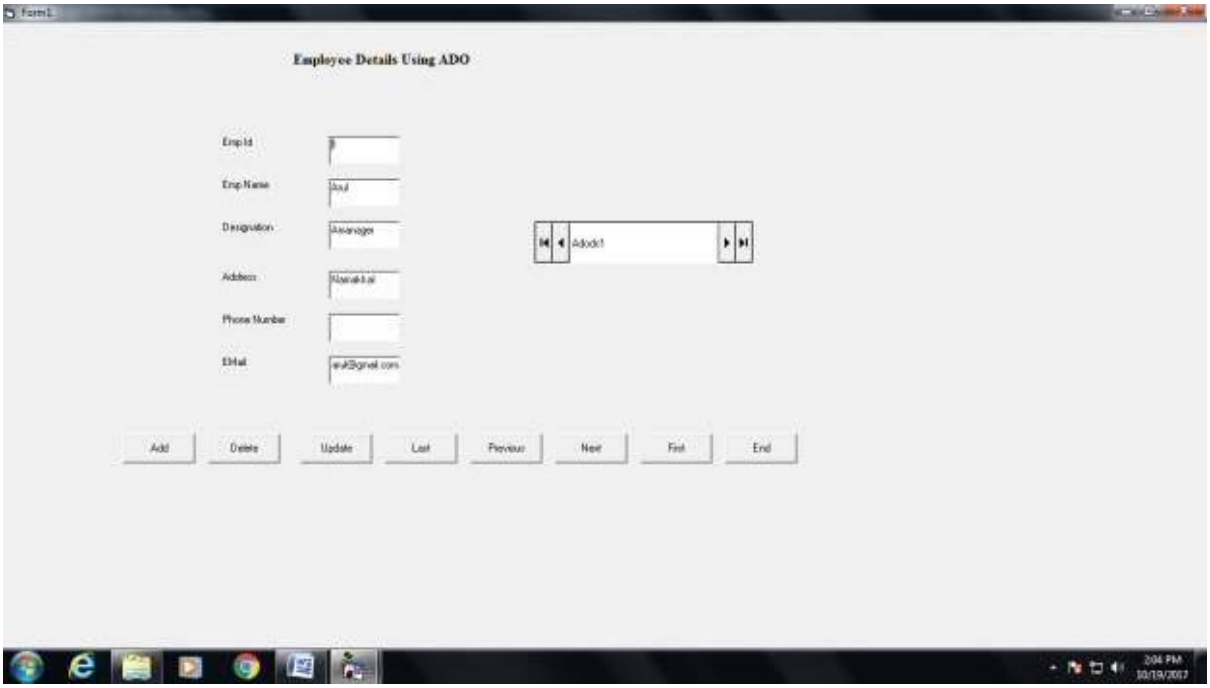
Form Design


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

Coding:

```
Private Sub Command1_Click()
Adodc1.Recordset.MoveNext
MsgBox “This is the next record”
End Sub

Private Sub Command2_Click()
Adodc1.Recordset.MovePrevious
MsgBox “This is the previous  record”
End Sub

Private Sub Command3_Click()
Adodoc1.Recordset.AddNew
Text1.Text = “ “
Text2.Text = “ “
Text3.Text = “ “
Text4.Text = “ “
Text5.Text = “ “
Text6.Text = “ “
Text7.Text = “ “
MsgBox “The record is added successfully”
End Sub

Private Sub Command4_Click()
Adodc1.Recordset.Delete
MsgBox “The record is deleted”
End Sub

Private Sub Command5_Click()
Adodc1.Recordset.Update
 MsgBox “The record is updated”
End Sub

Private Sub Command6_Click()
End
End Sub
```

Output Form:



Result

The above program has been executed successfully and the output is verified.

Ex.No:12

PAY SLIP

Aim:

To Write Visual Basic Program to implement pay slip for an organization by creating a database using SQL and ADO Control.

Algorithm:

Step 1: Start the Process

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

Step 3: Open the Standard EXE window.

Step 4: Click, New Project and start Designing the form.

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

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

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

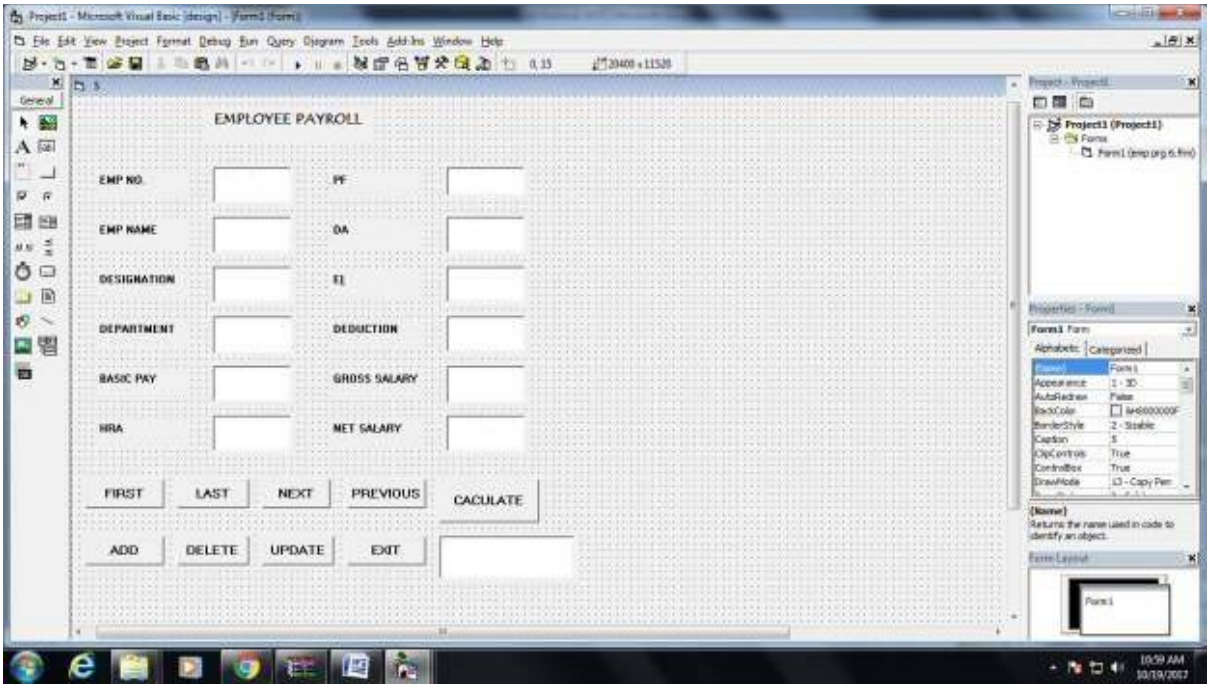
Step 8: Write the code for respective tools and actions of the program using code window, events, properties and methods.

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

Step 10: Check the results.

Step 11: Stop the Process.

Form Design



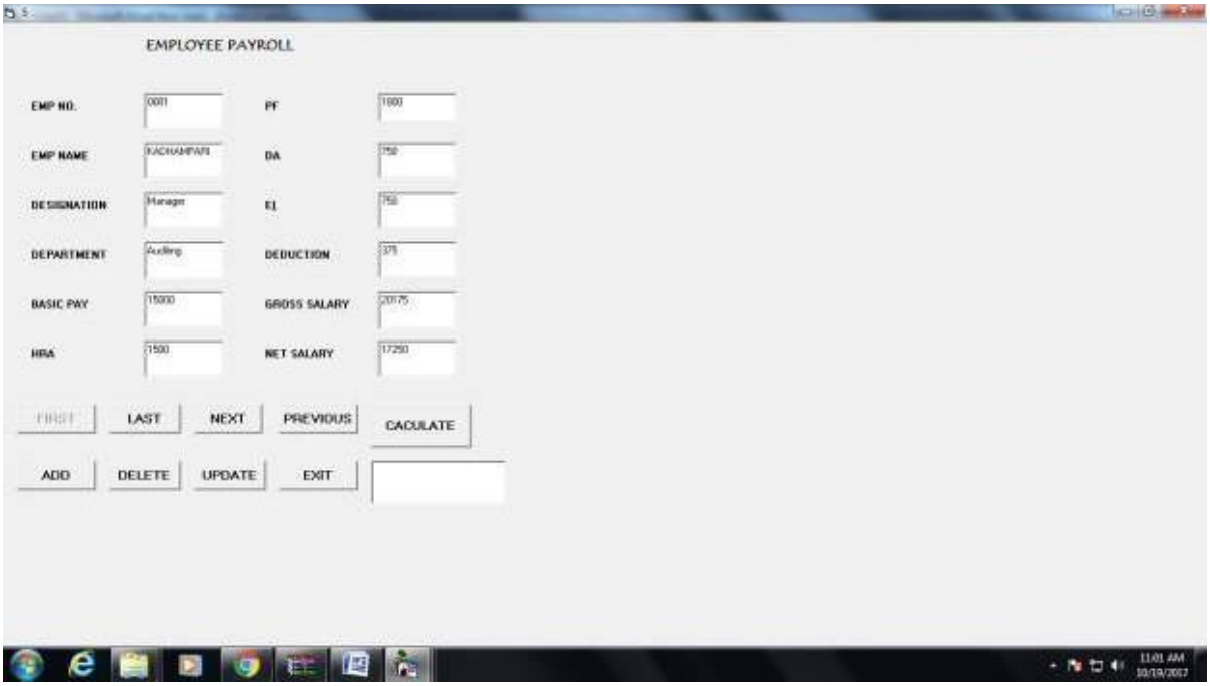
Coding:

```
Private Sub Command1_Click()
```

```
Adodc1.Recordset.MoveNext
MsgBox “This is the next record”
End Sub

Private Sub Command2_Click()
Adodc1.Recordset.MovePrevious
MsgBox “This is the previous  record”
End Sub

Private Sub Command3_Click()
Adodoc1.Recordset.AddNew
Text1.Text = “ “
Text2.Text = “ “
Text3.Text = “ “
Text4.Text = “ “
Text5.Text = “ “
Text6.Text = “ “
Text7.Text = “ “
MsgBox “The record is added successfully”
End Sub

Private Sub Command4_Click()
Adodc1.Recordset.Delete
MsgBox “The record is deleted”
End Sub

Private Sub Command5_Click()
Adodc1.Recordset.Update
 MsgBox “The record is updated”
End Sub

Private Sub Command6_Click()
End
End Sub


Private Sub Command7_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 Form:



Result

The above program has been executed successfully and the output is verified.