

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

			Sem	leste	r V	
		SYLLABUS	L	Т	Р	С
			-	_	5	3
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.



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 CO	DE: 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



Coding: Private Sub Command10_Click() End End Sub Private Sub Command2_Click() Text1.Alignment = 0End Sub Private Sub Command3_Click() Text1.Alignment = 1End 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 = 2End Sub Private Sub Command9 Click ()

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

End Sub

Output Form:

110000		State of Concession, Name	
ALIGN	MENT AND TE:	ING	
÷	IN B CON CA		
17-			
	-		
BOLD	RIGHT	LEFT	
ITALIC	DATE	NUMBER	
1			
I DEPENDENCE	CENTER	CURRENT	
ONDERLINE	GENIER	CORRENCT	
	EXIT		
e 📄			- N D 4 .

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

5 form1	the second se	the second se	
PRIME NUMBERS			
85			
FIND	Project So test a prime number		
			1108 444
			10/19/2017

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:



```
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) \wedge (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

5 form1		the second s			- D - T-
SIMU	LE AND COMPOUND	INTEREST			
р	1000	_			
N	5	_			
R	U.				
SIMPLE INTEREST					
👔 é	8 0	e 🛛 🐐		 - N	11.14 AM

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

Prepared by Mr. K. Veerasamy, Asst. Prof., Department of Computer Applications, KAHE.14/12



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 CO	DE: 15CCU511	CLASS	: III B.COM CA

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

Aim:

 $To\ {\rm Write}\ {\rm VB}\ {\rm Program}\ to\ {\rm implement}\ the\ {\rm calculator}$

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

		alculator	5		
	12		-		
1		2 3	. •		
		5 6			
		e _ 0	×		
		=	%		

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 = FalseElse

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	C. Concernant in succession	And Annual Control of			in Demo
File [EM]	View Project Exit	ñ	the state of the s		
	Underline				
	halic				
4	Bold				
10	Welcom	e To Karpaga	n Academy of Higher Educatio	n	
	6		A		240 FM

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

Þ	Peoplic Plane Sciences abu 1900-1809 Arvend 1900-1809 Arvend 1900-1809 Arvend	Musi1 Musi2 80 96 97 96 96 85	Hatiri 22 15 19		
[Adode T		H		

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

Prepared by Mr. K. Veerasamy, Asst. Prof., Department of Computer Applications, KAHE.17/15



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 CO	DE: 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

h formi	and the second second			
	RICH TEXTBOX			
P	RODUCT DETAILS			
SAMSUNG	SONY	EXAT		
💿 é 🛅	D 💿 📧			• 🐚 🕁 🕂 🛄 10.12 AM
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



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"

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

Output Form

nl					NEW LO
	3	mployee Details Using Al	00		
	Empld	2			
	Enp Name	and .			
	Designation	Antaroger	He 4 Adodd	b b 1	
	Addens	Namaka al			
	Phone Number				
	Dist	autBghal.com			
A	ldd Deiele	Update Last	Preview Neir	Finit End	
6				-	. 19 PT 41 204
					- 10 L 10/

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

	Projecti (Projecti) Projecti (Projecti) Prone Prone Prone Prone Prone Prone Projecti (Projecti)
Bail ENDINCE PRIMAL P.2 Image: State of the state of th	ge Frojecti (Projecti) B Ge Fons - CL Farmi (mo prg 6.
→ EMP NO. PF	
EHP NAME DA	
	erties - Formd
BEPAITMENT DEDUCTION	ni form habeti: Categorized
BASIC PAY GROSS SALARY	Romit 1:30 Reference 1:30
HRA NET SALARY	scolar 🔲 M-6000000 derStyle 2 Staddie Nam 5
FIRST LAST NEXT PREVIOUS	troitios True troitios True whode L3 - Capy Perr
	we) milithe name used in code to tify an object.
ADD DELETE UPDATE EXIT	Leyout

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"

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)

Output

5.5	Distance into the	ALC: NOT THE OWNER.	The second se		
	EMPLOYEE P	AYROLL			
EMP NO.	0071	PF	1800		
	FACHAMPAN	DA.	750		
DESIGNATION	Harager	ei.	756		
DEPARTMENT	facking	DEDUCTION	[37]		
BASIC PAY	15000	GROSS SALARY	20175		
HBA	1500	NET SALARY	17290		
19931	LAST NEX	T PREVIOUS	CACULATE		
000					
					 No. of States and
🏐 (e 🛛		9 16 12			• 10 10 10 100 100

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

Prepared by Mr. K. Veerasamy, Asst. Prof., Department of Computer Applications, KAHE.17/15



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 CO	DE: 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

Output Form

h formi	and the second second			
	RICH TEXTBOX			
Р	RODUCT DETAILS			
SAMSUNG	SONY	EXAT		
💿 é 🛅	D 💿 📧			• 🐚 🕁 🕕 🛄 2012 AM

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



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"

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

Output Form

nl					NEW LO
	3	mployee Details Using Al	00		
	Empld	2			
	Enp Name	land			
	Designation	Antaroger	He 4 Adodd	b b 1	
	Addens	Namaka al			
	Prote Number				
	Dist	autBghal.com			
A	ldd Deiele	Update Last	Preview Neir	Finit End	
6				-	. 19 PT 41 204
					- 10 L 10/

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

	Projecti (Projecti) Projecti (Projecti) Prone Prone Prone Prone Prone Prone Projecti (Projecti)
Bail ENDINCE PRIMAL P.2 Image: State of the state of th	ge Frojecti (Projecti) B Ge Fons - CL Farmi (mo prg 6.
→ EMP NO. PF	
EHP NAME DA	
	erties - Formd
BEPAITMENT DEDUCTION	nd Form habetic [Categorized]
BASIC PAY GROSS SALARY	Romit 1:30 Reference 1:30
HRA NET SALARY	scolar 🔲 M-6000000 derStyle 2 Staddie Nam 5
FIRST LAST NEXT PREVIOUS	troitices True troitices True whode LD - Capy Pern
	we) milithe name used in code to tify an object.
ADD DELETE UPDATE EXIT	Leyout

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"

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)

Output

5.5	Distance into the	ALC: NOT THE OWNER.	The second se		
	EMPLOYEE P	AYROLL			
EMP NO.	0071	PF	1800		
	FACHAMPAN	DA.	750		
DESIGNATION	Harager	ei.	756		
DEPARTMENT	facking	DEDUCTION	[37]		
BASIC PAY	15000	GROSS SALARY	20175		
HBA	1500	NET SALARY	17290		
19931	LAST NEX	T PREVIOUS	CACULATE		
000					
					 No. of States and
🏐 (e 🛛		9 16 12			• 10 10 10 100 100

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

Prepared by Mr. K. Veerasamy, Asst. Prof., Department of Computer Applications, KAHE.17/15



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 CO	DE: 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

	OWED DATABASE	• Project - Projecti
CENTRALE ACCOUNTING		Fr Strongert1 (Project1) B S Forms - CL Frient (SAR), Free
	TELEFHORE	* Interview-Form
LOAN INTAILS	SANTING ALC DETAILS	Form1 Farm Aphabetic [Categorized
TVPES DI T	ADD TVPES OF ACCOUNT UPDATE DEPST ACCOUNT ACC	Financial Forms is Access ence 1 30 AudStations Palate 1480 BostColar 1 4450 BostColar 1 4450 BostColar 1 4450 BostColar 1 4450 Cardon Fond 1450 Cardon Fond Controlling Dirachibde Tinde Tinde Dirachibde Tild 2.0 capit/File
DUE AMOUNT	EXIT	(konve) Returns the name used in code t identify an object.
	CALCULATE	- Formi

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

Output form

um1			
BANK CUSTON	HER DATABASE		
UNDOADE DETAILS			
ACCOUNT NO TOUTOBOORSE	67 — DJSTOMER ADDRESS		
DNALIO kommanary27/8gnalicov	TELEPHONE WINNET THE		
OAN BETAELS	SAVING A/C DETAILS		
TYPES OF Perioval •	ADD TYPES OF Sering: •		
AGUNT 20000	UPDATE DEPSIT 2000		
приевт (¹⁸⁴	DELETE	3	
UE AMOUNT 4523	ENT		
CALCULATE	CALCULATE		
	and the second se		1147
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:

 $To\ {\rm Write}\ {\rm VB}\ {\rm Program}\ to\ {\rm implement}\ the\ {\rm Animated}\ {\rm Dice}$

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.

Prepared by Mr. K. Veerasamy, Asst. Prof., Department of Computer Applications, KAHE.15/14