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## 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.

## 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.



## 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:**

ALIGN	MENT AND TEX	ING	
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NDERLINE	CENTER	CURRENCY	
	EXIT		
	-		
5			

## **Result :**

## 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.



# **Coding:** Private Sub Command1\_Click() Dim i, j As Integer Dim t As Boolean i = Text1.Textt = 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:**

5 femi	PRIME NUMBERS		r € %).
	FIND	Pagenti Sound a prime surrior OK	
👔 é 🐚	<ul> <li>Image: Image: Ima</li></ul>		- 🕅 🕁 43 11.08 AM 10130/061

## Result

## 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.



## **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:**

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## Result

## 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.



### 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) \ge 50 & Val(Text4.Text) \ge 50) Then
If Val(Text5.Text) \ge 50 & Val(Text6.Text) \ge 50) Then
If Val(Text7.Text) \geq 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:** 

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## **Result :**

#### **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.



## **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:**

5 form1	(manifestion)	the local division in which the		_			hai (C. and San
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## Result

## 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  $\longrightarrow$  All Programs  $\longrightarrow$  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.



## **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:**

D fema		(c)#)0
	String Manipulation	
	String Concatinale	
	Length Function	
	Mid Function	
	Extract	
<del>@</del> @	(2) (2) (2) (2) (3)	- t 2 7 1002 M

## Result

## 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.



## 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:**

ALIGN	MENT AND TE	TING		
	III B COM CA	1.		
BOLD	RIGHT	LEFT		
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	EXIT			
é 🗎				- 16 15 41

#### **Result :**

## 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.



# **Coding:** Private Sub Command1\_Click() Dim i, j As Integer Dim t As Boolean i = Text1.Textt = True For j = 2 To (i-1) If (i Mod j = 0) Then t = True Exit For Else t = FalseEnd 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:**

5 form1	The statement of the st		- D) (X)
	PRIME NUMBERS		
	80		
	FIND	Rogard Control of prime number	
🔹 é 🖺			• 隆 1 4 108 AM

## Result

## 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.



## **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:**

5 form1	And a second s	star Dy <b>1973</b>
SIMPLE AN	D COMPOUND INTEREST	
Ρ	1000	
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	CLEAR ENG	
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## Result

## 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.



## 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:**

to formi	And in case of the local division of the loc	Statement Statement				- D - R-
	RJ	CH TEXTBOX				
	PRO	OUCT DETAILS				
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SA	WSUNG	SONY	EXIT			
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## **Result :**

## **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.



## **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:**

ml	States and a second	and the second				and the second se	sta Er
	.1	Employee Details Using	ADO				
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	Enp Name	and .					
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	Phone Number						
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	Add Delete	Update Last	Previoue New	Fed	End		
6							204
							10/19

## Result

#### 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 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.

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	1					Returns the name used in code to identify an object.
ADD 0	ELETE UPDATE	EXIT				Exercitariout
						Parmi

## **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:**

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	EMPLOYEE PA	YROLL		
EMP NO.	00011	PF	1800	
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SE SIGNATION	Harager	6L	751	
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на	1500	NET SALARY	17290	
mar		PREVIOUS	CACULATE	
A00		TE EXIT		

## Result

## 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.

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CUSTOMER DETAILS	MER UATABASE		net3 (Project3) unu 1 Farmi (SAVALA
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EMAL ID	TELEPHONE		
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	EXIT	Karrel Arturn Terr	are used in code
CALCULATE	CALCULATE	Ennication	ų —
			201
			O.S.L

## 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:** 

# Software Development with Visual Basic Practical **2018**

a R	ІСН ТЕХТВОХ		
PR	ODUCT DETAILS		
SAMSUNG	SONY	EXIT	

#### **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.

# Software Development with Visual Basic Practical **2018**



# **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:**

) fomL	Produce Basels II/a 100	and Desired and
	Employee Details Using ADO	
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	Emp Name Jacob	
	Designation	
	Addees Planeta a	
	Phone Number	
	EMail ###Bgrol.com	
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## 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 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.

# Software Development with Visual Basic Practical **2018**

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						(Rennet) Returns the name Lated in code to identify an object.
	ADD DELETE	UPDATE EXIT				Emilant 2
						Persi

# **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:**

# Software Development with Visual Basic Practical **2018**

EMPLOYEE PAYROLL  P 40. 001 PF 100  P 40. 001 PF 100  P 40. 150  P 40. 150	EMPLOYEE PAYROLL P NO. 0001 PF 1000 P NAME RECOMPANY DA 120 SEGNATION Hanage EL 150 PARTHENT Auffre DEDUCTION 171 SIC PAY 1500 GROSS SALARY 2075 A 1500 RET SALARY 17200 HILL LAST NEXT PREVIOUS CACOLATE NDO DELETE UPDATE EXIT	of Street	Allow New York, Name	and the second se			, bai
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IRA 150 NET SALARY 1720 IRET LAST NEXT PREVIOUS CAOULATE	INCI LAST NEXT PREVIOUS CACULATE	MASIC PWY	15000	GROSS SALARY	20175		
ADD DELETE UPDATE EXIT	ADD DELETE UPDATE EXIT	65A	1500	NET SALARY	17250		
		mar: ]	LAST NEX	T PREVIOUS	CADULATE		
		ADD 0		ATE EXIT			

Result