Semester V

17CCU511A

L T P C

SOFTWARE DEVELOPMENT WITH VISUAL BASIC (PRACTICAL)

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.

Bachelor of Commerce (Computer Applications) (2017-18) Karpagam University

Page 53

Ex. No: 1	TEVT MANUDULATION LICINIC AL LONMENT AND EODMAT FUNCTION
Date:	IEXI 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



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 H	Form:
----------	-------

1	IN B CON CA			
BOLD	RIGHT	UEFT		
ITAUC	DATE	NUMBER		
UNDERLINE	CENTER	CURRENCY		
	EXIT			

Result:

[
Ex. No: 2	PRIME NUMBER OR NOT PRIME NUMBER			
Date:				
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, Ne	ew Project and start Designing the form.			
Step 5: Design the Command Butto	he forms and project according to the program using tools such as Label, Text Box, ns etc., Properties and components.			
Step 6: Write a f	ormula 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	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 = False

Exit For

Else

t = True

End If

Next

If t = True Then

MsgBox (i & " is a prime number")

Else

MsgBox (i & " is not a prime number")

End If

Output Fo	orm:						
😋 Form1	the set and the						
Enter a Number	5 Compute						
		5 is a prime number	er				
📀 📋	0 🕹	9 Ø			• 🕪 🗓 📴	1:39 PM 10/3/2019	

Result

Ex. No: 3	CIMPLE INTEREST AND COMPOSIND INTEREST		
Date:	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, Ne	w Project and start Designing the form.		
Step 5: Design th	ne forms and project according to the program using tools such as Label, Text Box,		
Command Button	ns etc., Properties and components.		
Step 6: Write a fo	ormula to calculate simple interest and compound interest.		
Step 7: Write the	e code for respective tools and actions of the program using code window, events,		
properties and m	ethods.		
Step 8: Save the	Step 8: Save the forms, projects and Run the program.		
Step 9: Check the	Step 9: Check the results.		
Step 10: Stop the Process.			

Form Design



Coding:

Private Sub Command1_Click()

Dim p, n, r As Double

Dim si, ci As Double

p = Text1.Text

n = Text2.Text

r = Text3.Text

si = p * n * r / 100

 $ci = p * (1 + r / 100) ^ n$

Text4.Text = si

Text5.Text = ci

End Sub

Private Sub Command2_Click()

Text1.Text = ""

Text2.Text = ""

Text3.Text = ""

Text4.Text = ""

Text5.Text = ""

End Sub

Private Sub Command3_Click()

End

Output Form:

🔄 Form1			_ _ <u>_</u>
Principle Amount	5000	Simple Interest	800
No. of Years	2	Compound	5832
Rate of Interest	8	Interest	
Calcu	late	Clear	Exit

Result

Ex. No: 4	MARKLIST IMPLEMENTATION			
Date:				
Aim:				
To write a VB P	rogram 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 Nev	w Project and Design the form.			
Step 5: Design th Command Button	he forms and project according to the program using tools such as Text Box, ns 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 properties and me	code for respective tools and actions of the program using code window, events, ethods.			
Step 8: Save the	forms, projects and Run the program.			
Step 9: Check the	e results.			
Step 10: Stop the	Process.			

Form Design



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 And Val(Text4.Text) > 50 And Val(Text5.Text) > 50 And Val(Text6.Text) > 50 And Val(Text7.Text) > 50 Then Text10.Text = "PASS" 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

Output Form:

E Form1	Court Day Services 1995					- 0 - X
RegNo	12134	Economics	89			
Name	ANU	Management	77			
Visual Basic	78	Visual Basic Lab	99			
Accounts	89					
Cc	ompute	Clear	Close			
Total	432					
Average	86.4					
Result	PASS					
(2)				-	V2 Q	😼 👺 🗊 🎲 11:12 AM

Result :

Ex. No: 5	OUADRATIC FOUATION
Date:	

Aim:

To Write Visual Basic Program to solve a Quadratic Equation.

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 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, e As Double Dim r1, r2 As Double a = InputBox("enter the value of a:") b = InputBox("enter the value of b:") c = InputBox("enter the4 value of c:") e = (b * b) - (4 * a * c)d = Sqr(Abs(e))r1 = (-b + d) / (2 * a)r2 = (-b - d) / (2 * a)Text1.Text = r1Text2.Text = r2End Sub Private Sub Command2_Click() Text1.Text = "" Text2.Text = "" End Sub

Private Sub Command3_Click()

End

Output Form:	
5 Form1	
Postive Value 0.25677643628	
Negative Value -0.8567764362	
Input Clear Exit	
	245 DM
	(1) 3:45 PM 10-Oct-19

Result

Ex. No: 6	STRING MANIPULATION USING STRING FUNCTIONS		
Date:			
Aim: To Write Visual	Basic Program to perform string operations 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, Ne	w 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 the build in Visual Basic string functions for string operations like string concatenation, string reverse, string length, upper case, lower case and sub string.			
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

	å ≝ ∎ ⊑ ⋈ => ♀ ▶ ■ ≪t ⊞ 'C Ɓ X (()) >700,048	0 1215 x 495	Project - Project1
5. Form1			E B D
	STRING OPER/	ATIONS	Forms
	ENTER THE STRING 1		
	ENTER THE STRING 2		Properties - Comman Command7 Comman
			Alphabetic Categoria
			BackColor d Cancel Fals
	····		Caption EXT CausesValidation True Default Fals
	LENGTH REVERSE CONCATENATE		DisabledPicture (Nor DownPicture (Nor
	SUB STRING UPPER CASE EXT		Caption Returns/sets the text of
			Form Layout
			Form1

Coding:

Dim len1, len2, len3 As Integer Dim s1, s2, s3, res As String Private Sub Command1_Click() s1 = Text1.Texts2 = Text2.Texts3 = Text3.Textlen1 = Len(s1)len2 = Len(s2)len3 = Len(s3)MsgBox ("Length of string 1 is " & len1) MsgBox ("Length of string 2 is " & len2) MsgBox ("Length of the sentence is " & len3) End Sub Private Sub Command2_Click() s1 = Text1.Textres = StrReverse(s1)MsgBox ("The reverse string of string 1 is " & res) End Sub Private Sub Command3_Click() s1 = Text1.Text

s2 = Text2.Text

res = s1 + s2

MsgBox ("The conacatenated string of string 1 and string 2 is " & res)

End Sub

Private Sub Command4_Click()

s3 = Text3.Text

```
res = Mid(s1, 4, 10)
MsgBox ("The substring of the sentence from position 4 to position 12 is " & res)
End Sub
```

Private Sub Command5_Click()

s1 = Text1.Text

res = UCase(s1)

MsgBox ("The Uppercase of string 1 is " & res)

End Sub

Private Sub Command6_Click()

s2 = Text2.Text

res = LCase(s2)

MsgBox ("The Uppercase of string 2 is " & res)

End Sub

Private Sub Command7_Click()

End

Output Form:	
D Form1	
STRING OPERATIONS	
ENTER THE STRING 1 Visual	
ENTER THE STRING 2 BAsic	
ENTER A SENTENCE i love visual basic Project1	
SUB STRING UPPER CASE LOWER CASE EXIT	
	12:38 PM
	V2 Q 🧀 🌺 🛱 🌗 10/6/2018

Result

Ex. No: 7	CALCULATOR
Date:	

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

🐁 Project1 - Microsoft Visual Basic (d	sign]	and design	
<u>File Edit View Project Format D</u>	bug <u>R</u> un Query Diagram <u>T</u> ools <u>A</u> dd-Ins <u>W</u> indow <u>H</u> elp		
		- ¹⁴ 6285 × 5070	
		*i 0203 x 5070	Project - Project1
Conneral		_	
Project1 - Form	(Form)		
R 🔤 🛛			Project1 (calculator.vbp)
A abl 5 Form1			······C_: Pormi (calculator.mm)
[^{XV}]1			
	Clear		
● ● ● ● ● ● ● ●			
	8 7 +		
Ö 🗆 🛛 🖌	5 6		Properties - Form1 X
			Form1 Form 💽
3	2 1 *		Alphabetic Categorized
			(Name) Form1 A
			Appearance 1 - 3D
	0 = /		AutoRedraw False
			BackColor Stable =
			Caption Form1
			CinControls True
••••••	• • • • • • • • • • • • • • • • • • • •		ControlBox True
			DrawMode 13 - Copy Pen
			DrawStyle 0 - Solid
			DrawWidth 1
			Enabled True
			FilColor 8H0000000
			FilStyle 1 - Transparent
			Font MS Sans Serif
			FontTransparent True
			ForeColor BH80000012
			HasUC True
			Height 5070
			(Name) Returns the name used in code to identify an object.
📀 🖸 🔚 (ouse and Keyboard properly	▲ 🐠 🍡 4:03 PM 03-Oct-19

Coding

Dim a, b, c As Double

Dim op As Integer

Private Sub Command1_Click()

Text1.Text = Text1.Text + "9"

End Sub

Private Sub Command10_Click()

Text1.Text = Text1.Text + "."

End Sub

Private Sub Command11_Click()

Text1.Text = Text1.Text + "0"

End Sub

Private Sub Command12_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 Command13_Click()

a = Val(Text1.Text)

```
op = 1
Text1.Text = " "
End Sub
Private Sub Command14_Click()
a = Val(Text1.Text)
op = 2
Text1.Text = " "
End Sub
Private Sub Command15_Click()
a = Val(Text1.Text)
op = 3
Text1.Text = " "
End Sub
Private Sub Command16_Click()
a = Val(Text1.Text)
op = 4
Text1.Text = " "
End Sub
Private Sub Command17_Click()
Text1.Text = " "
End Sub
Private Sub Command2_Click()
Text1.Text = Text1.Text + "8"
End Sub
Private Sub Command3_Click()
Text1.Text = Text1.Text + "7"
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 + "3"

End Sub

Private Sub Command8_Click()

Text1.Text = Text1.Text + "2"

End Sub

Private Sub Command9_Click()

Text1.Text = Text1.Text + "1"

Output Form:

Form1	-		a char	
98			Clear	
9	8	7	+	
4	5	6	-	
3	2	1	×	
	0	=	/	

Result:

Ex. No: 8	MENU OPERATION						
Date:							
Aim:							
To Write Visual	Basic Program to perform menu operations using menu editor						
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, Ne	Step 4: Click, New Project and start Designing the form.						
Step 5: Design the forms and project according to the program using menu editor control.							
Step 6: Create the main menus and sub menus using the menu editor							
Step 7: Insert MS Common Control Dialog control from Project							
Microsoft Common Control Dialog control 6.0							
Step 8: Write the code for respective tools and actions of the program using code window, events,							
properties and m	ethods.						
Step 9: Save the	forms, projects and Run the program.						
Step 10: Check t	he results.						
Step 11: Stop the	Process.						

Form Design

				Project1
🖳 Projec	ct1 - MDI (Code)			
mnuop	en	Click	-	
End	d 🖏 Project1 - MDI (Form)			
Pr	i S MDI		Â	
Cor	mar mar File Edit Exit			
Cor				
End	<u>a</u>	· · · · · · · · · · · · · · · · · · ·	Prog	nerties - MDI
Pr	1		MD	I Form
On	1		Alp	habetic Cat
			(Na	ame)
			Ap	pearance
			Bad	:kColor
a h		•••••••••••••••••••••••••••••••••••••••	Bor	derStyle ption
en			Clip	Controls
			Dra	awMode
			Retu	urns the name
			iden	tify an object
			For	n Layout

Coding:

Private Sub mniitalic_Click()

If Text1.FontItalic = 1 Then

Text1.FontItalic = False

Else

Text1.FontItalic = True

End If

End Sub

Private Sub mnubold_Click()

If Text1.FontBold = 1 Then

Text1.FontBold = False

Else

Text1.FontBold = True

End If

End Sub

Private Sub mnuexit_Click()

End

End Sub

Private Sub mnunew_Click()

SDI.Show

End Sub

Private Sub mnuopen_Click()

CommonDialog1.Filter = "Apps (*.txt)|*.txt|All files (*.*)|*.*"

CommonDialog1.DefaultExt = "txt"

CommonDialog1.DialogTitle = "Select File"

CommonDialog1.ShowOpen

Private Sub mnusave_Click() On Error GoTo eh With CommonDialog1 .CancelError = True .ShowSave End With Exit Sub eh: If Err <> cdlCancel Then MsgBox "Error #" & Err.Number & " - " & Err.Description End If End Sub Private Sub mnuunderline_Click() If Text1.FontUnderline = 1 Then Text1.FontUnderline = False Else Text1.FontUnderline = True End If

Output Form:

Save As	• 4 Search Computer	
Organize -		0
 → Hard Disk Drives → Hard Disk Drives → Pictures → Videos ▲ Local Disk (C) ▲ Local Disk (D) ▲	(4) c1 (7) c1 (7) (6 (8) c1 (146 (6 (8) E)) c1 (221 (6 (8) (6 (7)) c1 (46 (5 (6 (8))) c1 (46 (6))) c1 (46 (6)) c1 (46 (6))) c1 (46 (6)))	
Hide Folders	Save	e
~		

Result

Ex. No: 9	FLEX GRID					
Date:						
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 th	he forms and project according to the program using tools such as Label, Text Box,					
Command Buttons etc., Properties and components.						
Step 6: Insert M	S Common Control Dialog control from Project \longrightarrow Components \longrightarrow					
Microsoft flex grid						
Step 7: Write the	Step 7: Write the code for respective tools and actions of the program using code window, events,					
properties and m	ethods.					
Step 8: Save the	forms, projects and Run the program.					
Step 9: Check the	e results.					
Step 10: Stop the	Process.					

Form Design

🍖 Proje	ect1 - Mi	crosoft V	'isual Basi	ic [desig	n]			-			_	-	-	-					- 0 ×
<u>F</u> ile <u>E</u> d	lit <u>V</u> iew	<u>P</u> roject	F <u>o</u> rmat	<u>D</u> ebug	g <u>R</u> un	Q <u>u</u> ery	D <u>i</u> agra	m]	<u>T</u> ools	<u>A</u> dd-Ir	ns <u>W</u> i	indow	/ <u>H</u> elp						
5 -	% 1	1 🚅 1	. X	e c	<i>∰</i> ⊾		•		8	i 🗊 4	- 😽	*	a +	0,	0	고 [☆] 9075 x 76	35		
	×		_ *			1							•					Project - Project	1 🗡
Genera	1																		
N 18	2	C3, Pr	oject1 - F	orm1 (F	orm)											_			orm1 (flexarid.frm) *
A 145																	า้ 📕	<	I + -
	"		Form1															Properties - Form	n1 🗙
	1																	Form1 Form	
•									::::			1		::::				Alphabetic Cat	egorized
			Roll No		: : : : Г		_			Ad	ld							(Name)	Form1
					::::L			:::	:::;		• • • •	21	Move I	ast				Appearance	1 - 3D
키지 -	i 📗		Name	÷	:::: 					Move	Next							AutoRedraw	False
Ö =	3				::::								Clear	·				BorderStyle	2 - Sizable
	3		Place	1	:::: _E		_	:::	:::	Move Pr	revious	: L :			::::::			Caption	Form1
					::::													ClipControls	True
	<u> </u>		Phone Nur	nher	:::: Г		_		: : : [Move	First	1EL	Exit					DrawMode	13 - Copy Pen
📓 🗒				:	::::L			:::	:::!	11010	1 100	1:00		::::	::::::			DrawStyle	0 - Solid
ma 8				•••••	:::: 												r	DrawWidth	1
			-mail-Id		::::			:::	::::		::::	::::		::::				FilColor	8H0000000
																		FillStyle	1 - Transparent
																		Font	MS Sans Serif
																		FontTransparent	True
																		ForeColor	&H80000012
						-												HasDC	True
																		Height	7635
																		HelpContextID	0
																		Icon	(Icon)
												::::						KevPreview	False
								1.										Left	0
								¶ Da	atal		<u> </u>							LinkMode	0 - None
																		LinkTopic	Form1
																		MaxButton	True
																	-	MDIChild	Falce
																		MinPutton	True
																		(Name) Returns the name identify an object	used in code to
?			0	۲		9	E	Ş	1	2	W							▲ ())	1:35 PM 10/3/2019

Coding:

Private Sub Command1_Click()

Data1.Recordset.AddNew

Text1.Text = ""

Text2.Text = ""

Text3.Text = ""

Text4.Text = ""

Text5.Text = ""

MsgBox ("Recordset added successfully")

End Sub

Private Sub Command2_Click()

Data1.Recordset.MoveNext

End Sub

Private Sub Command3_Click()

Data1.Recordset.MovePrevious

End Sub

Private Sub Command4_Click()

Data 1. Record set. Move First

End Sub

Private Sub Command5_Click()

Data1.Recordset.MoveLast

End Sub

Private Sub Command8_Click()

Text1.Text = ""

Text2.Text = ""

Text3.Text = ""

Text4.Text = ""

Text5.Text = ""

End Sub

Private Sub Command9_Click()

End

Output Fo	orm:					
🔄 Form1	a contraction		-			
Roll No	17ccu057	Add	last			
Name	Vishnu	Move Next] ar			
Place	coimbatore	Move Previous				
Phone Number	987654120	Move First Exi	t			
Email-Id	vishnu@gmail.c					
Beg	No Name Place	Phone Num Email id	_			
17c	cu057 Vishnu coimba cu029 Dena Coimba	atore 987654120 vishnu@gm. atore 8765432190 dena@gmai				
		ata1 🕨 🕨				
📀 📋	0. 🕹	🌻 🖉 🝖			- 🕪 抗 🔯	1:36 PM 10/3/2019

Result

Ex.	No:	10

PRODUCT DETAILS USING RICHTEXT BOX

Date:

Aim:

To write a 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 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, Label, Textbox Properties and components.

Step 6: Insert MS Common Control Dialog control from Project → Components → Microsoft RichTextBox control

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()

RichTextBox1.Text = "You have purchased " & Text1.Text & " for MRP of Rs. " & Text3.Text & " with a discount of " & Text4.Text & " in a quanity of " & Text2.Text & " and paind Rs. " & Text5.Text

End Sub

Private Sub Command2_Click()

Text1.Text = ""

Text2.Text = ""

Text3.Text = ""

Text4.Text = ""

Text5.Text = ""

RichTextBox1.Text = ""

End Sub

Private Sub Command3_Click()

End

End Sub

Private Sub Command4_Click()

Dim mrp, dis, atp As Double

Dim q As Integer

q = Val(Text2.Text)

mrp = Val(Text3.Text)

dis = Val(Text4.Text) / 100

atp = (mrp - dis) * q

Text5.Text = atp

Output Form:

E Form1		
Product Name	SOAP	7/
Quanity	5	
MRP	45	
Discount	2	
Amount Paid	224.9	
You have purchase 5 and paind Rs. 22	ed SOAP for MRP of Rs. 45 with a discount of 2 in a quanity of 4.9	
Calculate	Description Clear Exit	

Result :

Ex. No: 11	EMPLOYEE DETAILS
Date:	

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



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

	Employee Details Using ADO
	Englis P
	Eng-Name Jan.d
	Designation Assarage
	Address Norval all
	Phone Mandee
	Ebilat publication
1	
Add	Debte Ugdde Last Prevous New First End

Result

Ex. No: 12	PAY SLIP
Date:	

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.



Coding:

Private Sub Command5_Click() Text1.Text = " " Text2.Text = " " Text3.Text = " " Text4.Text = " " Text5.Text = " " Text6.Text = " " Text7.Text = " " End Sub Private Sub Command2_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 Command3_Click() Adodc1.Recordset.Update MsgBox "The record is updated" End Sub Private Sub Command6_Click() End End Sub

Private Sub Command1_Click()

Text6.Text = Val(Text5.Text) * 0.02

Text7.Text = Val(Text5.Text) * 0.05

Text8.Text = Val(Text5.Text) * 0.25

Text9.Text = Val(Text5.Text) * 0.14

Text10.Text = Text9.Text

Text11.Text = Val(Text5.Text) + Val(Text6.Text) + Val(Text7.Text) + Val(Text8.Text)

Text12.Text = Val(Text11.Text) - Val(Text10.Text)

Output Form:

5 Form1	8-		Don't d	
Empld	1001	ТА	300	
Emp Name	Anu	DA	450	
Designation	manager	PF	2100	
Department	sales	Deduction	2100	
Basic Pay	15000	Gross Salary	16500	Adodc1 F
HBA	750	Net Salary	14400	
Calculate	ADD	Update	Delete	
	Clear	Exit		

Result

BANK CUSTOMER DETAILS

Date:

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.

	- Microsof	ft Visual Basic [design] - [CUST(OMER_DETAILS (Form)]						
e <u>E</u> d	it <u>V</u> iew J	<u>P</u> roject F <u>o</u> rmat <u>D</u> ebug <u>R</u> un	Query Diagram Tools Add-Ins Window Hel	p					_ 8
۴.	- 🔳 🖬	🗧 🖬 🕺 🖻 🛍 🚧 🗠	▶ □ ■ 🖗 🖬 🗗 🖏 🎜 📋	0, 0 ⊒ ¹²¹ 20400 x 11520					
×	🖏 Form	1					^	Project - Project	1
al									
0			BANK CUSTOMER DATABASE					🖃 🌛 Projecti	L (BANK CUST.v
hĺ								CUST	OMER_DETAILS
						· · · · · · · · · · · · · · · · · · ·			
		ACCOUNT	EMAIL ID						
_									
Ŧ		CUSTOMER	MOBILE	Adodc1	M				
1		Desirita (NOMBER					٠ III	
-		CUSTOMER						Properties - CUS	TOMER DETAI
-		ADDRESS						Fibernes Cos	
)	E							CUSTOMER_DE	Form
	L L			:::::::::::::::::::::::::::::::::			:: E	Alphabetic Cat	egorized
~								(Name)	CUSTOMER_DE
								Appearance	1 - 3D
e e	і _г	LOAN DETAILS		NT DETAILS				BackColor	Raise
	[TYPE OF LOAN	TYPE					BorderStyle	2 - Sizable
		····	ADD ACCOU	JNT				Caption	Form1
								ClipControls	True
		AMOUNT	DEP0:					ControlBox	True
			UPDATE					DrawStyle	0 - Solid
		CASH PAID	INTER	EST				DrawWidth	1
		I	CRED	т				Enabled	True
		INTEREST	DELETE TOTAL					FilColor	8H000000
			AMOU	INT				FillStyle	1 - Transparen
				,				FontTransparent	t True
		DUE AMOUNT	EXIT					ForeColor	8H8000001
		ļ						HasDC	True
			·····					Height	11520
								HelpContextID	0

Coding

Private Sub Command1_Click() Adodoc1.Recordset.AddNew Text1.Text = " " Text2.Text = " " Text3.Text = " " Text4.Text = " " Text5.Text = " " Text6.Text = " " Text7.Text = " " Text8.Text = " " Text9.Text = " " Text10.Text = " " Text11.Text = " " Text12.Text = " " Text13.Text = " " Text14.Text = " " MsgBox "The record is added successfully" End Sub Private Sub Command3_Click() Adodc1.Recordset.Delete MsgBox "The record is deleted" End Sub Private Sub Command2_Click() Adodc1.Recordset.Update MsgBox "The record is updated" End Sub Private Sub Command4_Click() End End Sub

Output Form:



Result :

Ex. No: 14	TREE VIEW AND LIST VIEW
Date:	

Aim

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 using picture box, file list box, directory list box, drive list box, label, text box.

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



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

OUTPUT DESIGN



Result :

Ex. No: 15	ANIMATING A DICE
Date:	

Aim

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 using label.
- 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

4	🍖 Project1 -	Microsoft Visual Basic [design] - [Project1 - Form1 (Form)]	
	🖏 <u>F</u> ile <u>E</u> dit	View Project Format Debug Run Query Diagram Iools Add-Ins Window Help	_ & ×
	1 - 15	* 🛅 😂 🖬 🐰 🗠 🏤 🍋 🖙 🖓 🗼 🔢 😻 🏙 名 🕞 🏷 尾 📋 0,0 🛛 🧮 4800×3600	
	×		Project - Project1
	General		
		ANIMATION PROGRAM	Find Project1)
	A lobi		View Object
	A jabi		Form1 (Form1)
	• v		
			Properties - Form1
			Form1 Form
	· 1 년 - 1		Alphabetic Categorized
	0 🗆		(Name) Form1
	👝 🗈		Appearance 1 - 3D
			AutoRedraw False
	8 - 1		BackColor &H8000000F&
			BorderStyle 2 - Sizable
			CipControls True
1	010		ControlBox True
			DrawMode 13 - Copy Pen
			DrawStyle 0 - Solid
1			DrawWidth 1
			Enabled True
1			FillColor &H0000000&
			HillStyle 1 - Transparent
•			FontTransparent True
			ForeColor 8H80000012&
			HasDC True
1			Height 3600
1			HelpContextID 0
1	Immediate	×	Icon (Icon)
1			
			Caption
	•		Returns/sets the text displayed in an object's title bar or below an object's icon.
P			
(N		3:16 PM
			10/11/2019

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



Result: