**Chapter six**

**H.W (1):-** Design a window to change the background color of a model to red, blue, and green using only three option buttons.

**Solution:-**

Private Sub Form\_activate()

Option1.Value = False

Option2.Value = False

Option3.Value = False

End Sub

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Private Sub Option1\_Click()

Form1.BackColor = vbRed

End Sub

……………………………………………………………….

Private Sub Option2\_Click()

Form1.BackColor = vbBlue

End Sub

………………………………………………………………………..

Private Sub Option3\_Click()

Form1.BackColor = vbGreen

End Sub

**H.W (2):-** Design a window with three option buttons and three check boxes. The option buttons change the colors where the first button changes the color of text in the text box to red and the second button to the blue and the third color to green. The first check boxes change the text to bold, second to italic, and third to text underline.

**Solution:-**

Private Sub Form\_activate()

Option1.Value = False

Option2.Value = False

Option3.Value = False

End Sub

………………………………………………………

Private Sub Option1\_Click()

Text1.BackColor = vbRed

End Sub

……………………………………………………………….

Private Sub Option2\_Click()

Text1.BackColor = vbBlue

End Sub

………………………………………………………………………..

Private Sub Option3\_Click()

Text1.BackColor = vbGreen

End Sub

………………………………………………………

Private Sub check1\_Click()

Text1.fontbold= True

End Sub

………………………………………………………

Private Sub check2\_Click()

Text1.fontitalic= True

End Sub

………………………………………………………

Private Sub check3\_Click()

Text1.fontunderline= True

End Sub

**H.W (3):-** Write a program to print the even numbers between (1 -200) using repeating loops.

**Solution:-**

Dim i As Integer

Private Sub Command1\_Click()

For i = 2 To 200 Step 2

Print i

Next i

End Sub

……………………………………………………………..

Private Sub Command2\_Click()

i = 2

Do While i <= 200

Print i

i = i + 2

Loop

End Sub

…………………………………………………………………

Private Sub Command\_Click()

i = 2

Do Until i > 200

Print i

i = i + 2

Loop

End Sub

………………………………………………………………………..

Private Sub Command4\_Click()

i = 2

Do

Print i

i = i + 2

Loop While i <= 200

End Sub

………………………………………………………………………….

Private Sub Command5\_Click()

i = 2

Do

Print i

i = i + 2

Loop Until i > 200

End Sub

**H.W (4):-** Design a window to show how to operation cut, paste and clear using the text property of a text box

**Solution:-**

Dim x As String

Private Sub CmdCut\_Click()

x = Text1.Text

Text1.Text = ""

 CmdPaste.Enabled = True

تستخدم هذة الخاصية لوضع مؤشر الماوس في الـ text box

Text1.SetFocus

End Sub

…………………………………………………………..

Private Sub CmdPaste\_Click()

Text1.Text = x

Text1.SetFocus

End Sub

…………………………………………………..

Private Sub CmdClear\_Click()

Text1.Text = ""

Text1.SetFocus

End Sub

…………………………………………………………….

Private Sub Form\_Load()

CmdCut.Enabled = False

CmdPaste.Enabled = False

CmdClear.Enabled = False

End Sub

……………………………………………………………….

Private Sub Text1\_Change()

CmdCut.Enabled = True

CmdPaste.Enabled = True

CmdClear.Enabled = True

End Sub

**H.W (5):-** Design a window with two text boxes and two commands to do the following:

Command1 to store the contents of the text box1 in the clipboard, command2 carry the contents of the clipboard to the text box2.

**Solution:-**

Private Sub Command1\_Click()

Clipboard.Clear

Clipboard ذاكرة النصوص تستخدم كمواقع خزن مؤقتة تستخدم مع الخزن و القص و الصق

Clipboard.SetText (Text1.Text)

SetText تستخدم هذة الخاصية عندم نريد ان نذكر النص المحدد

End Sub

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Private Sub Command2\_Click()

Text2.Text = Clipboard.GetText

GetText تستخدم هذة الخاصية عندما نريد اعطى محتويات ذاكرة النصوص

End Sub

**H.W (6):-** Design a window with two text boxes and three commands to do the following:

Command1 copy selected text from text box 1, Command2 cut selected text from text box 1, command3 paste text copied or cut from text box1 to text box2.

**Solution:-**

Private Sub CmdCopy\_Click()

Clipboard.Clear

Clipboard.SetText (Text1.SelText)

End Sub

………………………………………………………………..

Private Sub CmdCut\_Click()

Clipboard.Clear

Clipboard.SetText (Text1.SelText)

Text1.SelText = ""

End Sub

………………………………………………………………

Private Sub CmdPaste\_Click()

Text2.Text = Clipboard.GetText

End Sub