

PROGRAMMING

CODES FOR NOVICE

PROGRAMMERS



WE LIVE FOR PROGRAMMING

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```
i)      Private Sub cmdadd_Click()  
On Error GoTo Err_cmdadd_Click  
    DoCmd.GoToRecord , , acNewRec  
Exit_cmdadd_Click:  
    Exit Sub  
Err_cmdadd_Click:  
    MsgBox Err.Description  
    Resume Exit_cmdadd_Click  
"ALLOWS USER TO ADD NEW RECORDS"  
End Sub
```

```
Private Sub cmddelete_Click()  
On Error GoTo Err_cmddelete_Click  
  
DoCmd.DoMenuItem acFormBar, acEditMenu, 8, , acMenuVer70  
    DoCmd.DoMenuItem acFormBar, acEditMenu, 6, , acMenuVer70  
  
Exit_cmddelete_Click:  
    Exit Sub  
  
Err_cmddelete_Click:  
    MsgBox Err.Description  
    Resume Exit_cmddelete_Click  
"ALLOWS USER TO DELETE UNWANTED RECORDS"  
End Sub
```

Private Sub cmdsave_Click()

On Error GoTo Err_cmdsave_Click

DoCmd.DoMenuItem acFormBar, acRecordsMenu, acSaveRecord, ,
acMenuVer70

Exit_cmdsave_Click:

Exit Sub

Err_cmdsave_Click:

MsgBox Err.Description

Resume Exit_cmdsave_Click

"ALLOWS USER TO SAVE RECORDS"

End Sub

Private Sub cmdexitform_Click()

On Error GoTo Err_cmdexitform_Click

DoCmd.Close

Exit_cmdexitform_Click:

Exit Sub

Err_cmdexitform_Click:

MsgBox Err.Description

Resume Exit_cmdexitform_Click

"ALLOWS USER TO EXIT FROM THE FORM"

End Sub

Private Sub cmdfind_Click()

On Error GoTo Err_cmdfind_Click

Screen.PreviousControl.SetFocus

DoCmd.DoMenuItem acFormBar, acEditMenu, 10, , acMenuVer70

Exit_cmdfind_Click:

Exit Sub

Err_cmdfind_Click:

MsgBox Err.Description

Resume Exit_cmdfind_Click

End Sub

Private Sub CMDPRINT_Click()

On Error GoTo Err_CMDPRINT_Click

Dim stDocName As String

stDocName = "Customer details"

DoCmd.OpenReport stDocName, acNormal

Exit_CMDPRINT_Click:

Exit Sub

Err_CMDPRINT_Click:

```
MsgBox Err.Description
Resume Exit_CMDPRINT_Click
"ALLOWS USER TO PRINT THE RECORD"
End Sub
```

CODES

CODING TO ADD CLIENT DETAILS

' THE SYSTEM BELOW IS USED TO SAVE RECORDS TO THE DATABASE

Private Sub cmdsave_Click()

Dim This As String

This = "SELECT * FROM tblclients" ' the user is selecting the table in which he or she wants to save data

If rst.State = adStateOpen Then rst.Close ' closing the database when it is open so that it can be opened again

rst.Open This, CON, adOpenForwardOnly, adLockOptimistic '

If TXTNAME.Text = "" Or txtsurname.Text = "" Or cbosex.Text = "" Or TXTid.Text = "" _

Or Txtemail.Text = "" Or txtAddress.Text = "" Or txtphone.Text = "" Or Txtdescription.Text = "" _

Or Txtdate.Text = "" Or Txtcourt.Text = "" Or Txtcaserep.Text = "" Or Txtnumber.Text = "" Then

MsgBox "Please fill in all the required details", vbOKOnly + vbInformation, "Required text missing"

Else

With rst ' code to match the fields with the database fields

```

.AddNew
rst!firstname = TXTNAME.Text
rst!surname = txtsurname.Text
rst!Sex = cbosex.Text
rst!IDnumber = TXTid.Text
rst!Email = Txtemail.Text
rst!address = txtAddress.Text
rst!phone = txtphone.Text
rst!Description = Txtdescription.Text
rst!courtname = Txtcourt.Text
rst!representative = Txtcaserep.Text
rst!casenumber = Txtnumber
rst!Date = Cbodate1.Text & "/" & Cbodate2.Text & "/" &
Cbodate3.Text
rst!dateofthecase = Date
    If opt1.Value = True Then
        rst!occupation = opt1.Caption
    Else
        rst!occupation = opt2.Caption
    End If
.Update 'updating records in the database
End With
Formstate
End If
End Sub

```

Private Sub cmdback_Click()

listform.Show

Hide

End Sub

Private Sub Form_Load()

criminal.Caption = "CRIMINAL LAW, INSTITUTIONAL LAW AND HUMAN RIGHTS CASES"

ConnectToDB ' connection to database when the form has been loaded

Formstate

End Sub

Private Sub Formstate() ' code for clearing records in the fields

TXTNAMe.Text = ""

txtsurname.Text = ""

TXTid.Text = ""

Txtemail.Text = ""

txtAddress.Text = ""

txtphone.Text = ""

Txtdescription.Text = ""

Txtdate.Text = ""

Txtcourt.Text = ""

Txtcaserep.Text = ""

Txtnumber.Text = ""

End Sub

CODE TO EXIT THE SYSTEM

Option Explicit

```
Dim rst As New ADODB.Recordset
```

```
' THE CODE BELOW IS USED EXIT THE SYSTEM
```

```
Private Sub Cmdclose_Click()
```

```
Dim answer As Integer
```

```
answer = MsgBox(" Are you sure you want to close?" & Me.Tag, vbYesNo)
```

```
    If answer = vbNo Then
```

```
        ElseIf answer = vbYes Then
```

```
    End
```

```
End If
```

```
End Sub
```

CODE TO ACCESS THE SYSTEM

```
Dim rst As New ADODB.Recordset
```

```
' code for exiting the system
```

```
Private Sub cmdexit_Click()
```

```
    answer = MsgBox(" Are you sure you want to close?" & Me.Tag, vbYesNo  
+ vbQuestion, "Confirm")
```

```
    If answer = vbYes Then
```

```
        DisconnectFromDB
```

```
    End
```

```
End If
```

```
End Sub
```

```
' the code below is used to compare the inputed password with the ones in  
the database
```



```
Private Sub cmdOK_Click()
```

```
    Dim strSQL As String
```

```
    strSQL = "SELECT * FROM tblUsers WHERE Username LIKE '" &  
txtUserName.Text & "' AND Password LIKE '" & txtPassword.Text & "'"
```

```
    If rst.State = adStateOpen Then rst.Close
```

```
    rst.Open strSQL, CON, adOpenForwardOnly, adLockOptimistic
```

```
    If Not rst.EOF = True Then ' code for the use accessing until end of file
```

```
        ActiveUsername = rst!UserName
```

```
        ActivePassword = rst!Password
```

```
        ActiveUserID = rst!userid
```

```
        frmWelcome.Enabled = True
```

```
        Unload Me
```

```
    Else
```

```
        MsgBox "Username Or Password Is Incorecct", vbOKOnly +  
vbCritical, "Access Denied"
```

```
        txtPassword.Text = "" 'fields are cleared once access has been denied
```

```
        txtUserName.Text = ""
```

```
        txtUserName.SetFocus
```

```
    End If
```

```
End Sub
```

'code for displaying the form

Private Sub Form_Load()

frmWelcome.Show

frmWelcome.Enabled = False

frmWelcome.WindowState = 2

ConnectToDB ' connection to the database

End Sub

'coding for allowing to use the enter key on a keyboard as ok

Private Sub txtUserName_KeyPress(KeyAscii As Integer)

If KeyAscii = vbEnter Then

txtPassword.SetFocus

End If

End Sub

CODE FOR THE PAYMENT FORM FOR PAYMENT RECORD

Dim rst As New ADODB.Recordset 'connection to database

'code for disabling buttons

Private Sub Cmdadd_Click()

Formstated True

Cmddelete.Enabled = False

Cmdback.Enabled = True

Cmdsave.Enabled = True

End Sub

Private Sub cmdback_Click()

frmWelcome.Show

Unload Me

End Sub

'cording to delete arecord in the database

Private Sub cmdDelete_Click()

Dim You As String

x = Grid.Text

You = "delete x From tblpayments WHERE name like" & x & "" ' matching the table with records which need to be deleted

If rst.State = adStateOpen Then rst.Close

CON.Execute You

If Grid.Text = "" Then MsgBox "No record selected, Please select one", vbOKOnly + vbInformation, " No Text Selected"

MsgBox "You are about to delete a record, you won't be able to Undo this delete, Continue? ", vbYesNoCancel + vbQuestion, "Confirm Delete"

End Sub

Private Sub cmdPrint_Click()

Printer.Print

Printer.Height = 16840

Printer.Width = 11907

Printer.PaintPicture Grid.Picture, 1134, 1134

Printer.EndDoc

End Sub

'code for saving payment records to the data base

Private Sub cmdsave_Click()

Dim strSQL As String

Formstate True

Cmddelete.Enabled = True

Cmdback.Enabled = True

Cmdprint.Enabled = True

strSQL = "SELECT * FROM tblPayments"

If rst.State = adStateOpen Then rst.Close 'closing and opening the database

rst.Open strSQL, CON, adOpenForwardOnly, adLockOptimistic

With rst

.AddNew

rst!Name = TXTNAME.Text 'matching the fields with the one in
database

rst!surname = txtsurname.Text

rst!ID = TXTid.Text

rst!phone = txtphone.Text

rst!address = txtAddress.Text

rst!casetype = cmbcase.Text

rst!paymenttype = cmbpaymenttype.Text

rst!amount = txtamount.Text

rst!account = txtAccount.Text

rst!amountpaid = txtamountP.Text

.Update ' updatiing the database

```
End With
Set rst = Nothing
Me.Refresh ' refreshing the database
End Sub
```

Private Sub Form_Load()

```
frmWelcome.Enabled = False
Formstate True
ConnectToDB
```

```
End Sub
```

Private Sub Form_Unload(Cancel As Integer)

```
frmWelcome.Enabled = True
```

```
End Sub
```

'code to disable textboxes and label boxes of payment records

Public Sub Formstate(Yes As Boolean)

```
TXTNAME.Enabled = False
txtsurname.Enabled = False
txtAccount.Enabled = False
TXTid.Enabled = False
txtAddress.Enabled = False
txtphone.Enabled = False
txtamount.Enabled = False
txtamountP.Enabled = False
cmbcase.Enabled = False
cmbpaymenttype.Enabled = False
```

Cmdsave.Enabled = False

Cmdprint.Enabled = False

Label1.Enabled = False

Label2.Enabled = False

Label3.Enabled = False

Label4.Enabled = False

Label5.Enabled = False

Label11.Enabled = False

Label12.Enabled = False

Label13.Enabled = False

Label14.Enabled = False

Label15.Enabled = False

End Sub

' code for enabling textboxes and label boxes

Public Sub Formstated(Yes As Boolean)

TXTNNAME.Enabled = True

txtsurname.Enabled = True

txtAccount.Enabled = True

TXTid.Enabled = True

txtAddress.Enabled = True

txtphone.Enabled = True

txtamount.Enabled = True

txtamountP.Enabled = True

cmbcase.Enabled = True

cmbpaymenttype.Enabled = True

Cmdsave.Enabled = True

Cmdprint.Enabled = True

Label1.Enabled = True

Label2.Enabled = True

Label3.Enabled = True

Label4.Enabled = True

Label5.Enabled = True

Label11.Enabled = True

Label12.Enabled = True

Label13.Enabled = True

Label14.Enabled = True

Label15.Enabled = True

End Sub

CODE FOR DISPLAYING REPORTS

'code to choose a file from the combo box

Private Sub cbochoose_Click()

With Grid

If cbochoose.ListIndex = 0 Then

Data1.RecordSource = "tblclients" ' chosen table

Data1.Refresh

.Refresh

ElseIf cbochoose.ListIndex = 1 Then

Data1.RecordSource = "tblpayments"

Data1.Refresh

.Refresh

End If

End With

End Sub

' code to return to mainform

Private Sub cmdback_Click()

frmWelcome.Show

Unload Me

End Sub

' the code to print a record from a database

Private Sub cmdPrint_Click()

Printer.Print

Printer.PaintPicture Grid.Picture, 300, 1178

Printer.EndDoc

End Sub

Private Sub Form_Load()

frmWelcome.Enabled = False 'disabling form

End Sub

Private Sub Form_Unload(Cancel As Integer)

frmWelcome.Enabled = True 'enabling the form

End Sub

CODE FOR THE MAIN FORM FOR CHOOSING FILE

'code to disenable a combo box

Private Sub Cmbrecords_LostFocus()

Cmbrecords.Visible = False

End Sub

'coding to exit the system

Private Sub Cmdexit1_Click()

Dim answer As Integer

answer = MsgBox(" Are you sure you want to close?" & Me.Tag, vbYesNo +
vbQuestion, "Confirm")

If answer = vbNo Then

ElseIf answer = vbYes Then

End

End If

End Sub

'coding to disable forms

Private Sub cmdlogout_Click()

frmWelcome.Enabled = False

frmLogin.Show

End Sub

Private Sub cmdpayment_Click()

frmpayments.Show

End Sub

Private Sub cmdrecords_click()

'Cmbrecords.Visible = True

'Cmbrecords.SetFocus

listform.Show

Unload Me

' vbModal

End Sub

'coding to display reports

Private Sub cmdreports_Click()

frmreports.Show

End Sub

Private Sub cmduser_Click()

user.Show

Unload Me

End Sub

'code to disable the combo box

Private Sub Form_Load()

Cmbrecords.Visible = False

End Sub

Private Sub Label5_Click()

End Sub

CODE FOR LIST FORM TO DISPLAY RECORDS

'code display

Private Sub Cmdadd_Click()

Client_form.Show

Hide

End Sub

'code to return to the main form

Private Sub cmdback_Click()

frmWelcome.Show

Me.Hide

End Sub

'code to exit

Private Sub Cmdclose_Click()

Dim answer As Integer

answer = MsgBox(" Are you sure you want to close?" & Me.Tag, vbYesNo)

If answer = vbNo Then

ElseIf answer = vbYes Then

End

End If

End Sub

'code to print a record

Private Sub cmdPrint_Click()

Printer.Print

Printer.Height = 16840

Printer.Width = 11907

Printer.PaintPicture MSFlexGrid1.Picture, 1134, 1134

Printer.EndDoc

End Sub

Private Sub Cmdview_Click()

```
viewform.Show
```

```
End Sub
```

```
Private Sub Form_Load()
```

```
End Sub
```

CODING FOR DATABASE MODULE

'the code below is used to connect all the form to the database through the module

```
Option Explicit
```

```
Public CON As ADODB.Connection 'connection to the database
```

```
Public CMD As ADODB.Command
```

```
Public ActiveUserID As Integer
```

```
Public ActiveUsername As String
```

```
Public ActivePassword As String
```

```
Public Sub ConnectToDB()
```

```
    Dim conString As String
```

```
    conString = "Provider=Microsoft.Jet.OLEDB.4.0;" _  
& "Data Source = " & App.Path & "\casedatabase.mdb" 'code to open the  
    database
```

```
    Set CON = New ADODB.Connection
```

```
    With CON
```

```
        .ConnectionString = conString
```

.Open

End With

End Sub

'disconnection of the database

Public Sub DisconnectFromDB()

Set CMD = Nothing

CON.Close

Set CON = Nothing

End Sub

Done By Michael Chara. Zimuto High

