

## VBA CODING OF PROJECT CONTACT DATA MANAGEMENT

FORM: ADDEDITDEL

```
Private Sub CommandButton1_Click()
```

```
Frame3.Visible = False
```

```
Frame4.Visible = False
```

```
,
```

```
Frame2.Visible = True
```

```
TextBox1.Text = " "
```

```
End Sub
```

```
Private Sub CommandButton2_Click()
```

```
Frame2.Visible = False
```

```
Frame4.Visible = False
```

```
,
```

```
Frame3.Visible = True
```

```
End Sub
```

```
Private Sub CommandButton3_Click()
```

```
Frame2.Visible = False
```

```
Frame3.Visible = False
```

```
,
```

```
Frame4.Visible = True
```

```
End Sub
```

```
Private Sub CommandButton4_Click()
```

```
Sheets("DATA").Activate
```

```
Range("a:a").Select
```

```
With Sheets("DATA").Range("A:A")
```

```
Set rng = .Find(What:=TextBox1.Text, _  
    After:=.Cells(.Cells.Count), _  
    LookIn:=xlValues, _  
    LookAt:=xlPart, _  
    SearchOrder:=xlByRows, _  
    SearchDirection:=xlNext, _  
    MatchCase:=False)
```

```
If Not rng Is Nothing Then
```

```
    Selection.Find(What:=rng, After:=ActiveCell, LookIn:=xlValues, _  
    LookAt:=xlPart, SearchOrder:=xlByRows, SearchDirection:=xlNext, _  
    MatchCase:=False, SearchFormat:=False).Activate
```

```
    MsgBox ("Entered ID already exists, please check")
```

```
Else
```

```
    ADDNEW.Show
```

```
End If
```

```
End With
```

```
End Sub
```

```
Private Sub CommandButton5_Click()
```

```
    Sheets("DATA").Activate
```

```
    Range("a:a").Select
```

```
    With Sheets("DATA").Range("A:A")
```

```
        Set rng = .Find(What:=TextBox2.Text, _
```

```
After:=.Cells(.Cells.Count), _  
LookIn:=xlValues, _  
LookAt:=xlPart, _  
SearchOrder:=xlByRows, _  
SearchDirection:=xlNext, _  
MatchCase:=False)
```

```
    If Not rng Is Nothing Then
```

```
        Selection.Find(What:=rng, After:=ActiveCell, LookIn:=xlValues, _  
LookAt:=xlPart, SearchOrder:=xlByRows, SearchDirection:=xlNext, _  
MatchCase:=False, SearchFormat:=False).Activate
```

```
        EDITDATA.Show
```

```
    Else
```

```
        MsgBox ("Entered ID NOT FOUND, please check")
```

```
End If
```

```
End With
```

```
End Sub
```

```
Private Sub CommandButton6_Click()
```

```
    Sheets("DATA").Activate
```

```
    Range("a:a").Select
```

```
    With Sheets("DATA").Range("A:A")
```

```
        Set rng = .Find(What:=TextBox3.Text, _
```

```
After:=.Cells(.Cells.Count), _  
LookIn:=xlValues, _  
LookAt:=xlPart, _  
SearchOrder:=xlByRows, _  
SearchDirection:=xlNext, _  
MatchCase:=False)
```

```
    If Not rng Is Nothing Then
```

```
        Selection.Find(What:=rng, After:=ActiveCell, LookIn:=xlValues, _  
LookAt:=xlPart, SearchOrder:=xlByRows, SearchDirection:=xlNext, _  
MatchCase:=False, SearchFormat:=False).Activate
```

```
        DELETE.Show
```

```
    Else
```

```
        MsgBox ("Entered ID NOT FOUND, please check")
```

```
End If
```

```
End With
```

```
End Sub
```

```
Private Sub UserForm_Initialize()
```

```
    Frame2.Visible = False
```

```
    Frame3.Visible = False
```

```
    Frame4.Visible = False
```

```
End Sub
```

---

---

```
FORM: ADDNEW
```

```
Public Ir_DATA As Long

Public SAVE As String

Public i, L As Long

Private Sub CommandButton1_Click()

Cells(Ir_DATA + 1, 1) = TextBox8.Text

Cells(Ir_DATA + 1, 2) = TextBox1.Text

Cells(Ir_DATA + 1, 3) = TextBox2.Text

Cells(Ir_DATA + 1, 4) = TextBox3.Text

Cells(Ir_DATA + 1, 5) = TextBox4.Text

Cells(Ir_DATA + 1, 6) = TextBox5.Text

MsgBox ("New Employee added, check in VIEW")

Unload Me

ADDEDITDEL.Frame2.Visible = False

Thisworkbook.save

End Sub
```

```
Private Sub UserForm_Initialize()

Sheets("DATA").Activate

Ir_DATA = ActiveSheet.UsedRange.Rows.Count

Rows(2).Activate

TextBox8.Text = ADDEDITDEL.TextBox1.Text

TextBox1.Text = "NIL"

TextBox2.Text = "NIL"

TextBox3.Text = "NIL"

TextBox4.Text = "NIL"
```

TextBox5.Text = "NIL"

End Sub

---

FORM: CHART

Private Sub CommandButton1\_Click()

CHART\_BRANCH

Unload Me

End Sub

Private Sub CommandButton2\_Click()

CHART\_AGE

Unload Me

End Sub

---

FORM: DELETE

Public Ir\_DATA As Long

Public SAVE As String

Public i, L As Long

Private Sub CommandButton1\_Click()

Rows(ActiveCell.Row).DELETE

MsgBox ("Employee DATA DELETED, check in VIEW")

Thisworkbook.save

Unload Me

ADDEDITDEL.Frame4.Visible = False

End Sub

Private Sub UserForm\_Initialize()

```

Sheets("DATA").Activate

lr_DATA = ActiveSheet.UsedRange.Rows.Count

Range("A:A").Select


Selection.Find(What:=ADDEDITDEL.TextBox3.Text, After:=ActiveCell, LookIn:=xlValues, _
    LookAt:=xlPart, SearchOrder:=xlByRows, SearchDirection:=xlNext, _
    MatchCase:=False, SearchFormat:=False).Activate


TextBox8.Text = Cells(ActiveCell.Row, 1)
TextBox1.Text = Cells(ActiveCell.Row, 2)
TextBox2.Text = Cells(ActiveCell.Row, 3)
TextBox3.Text = Cells(ActiveCell.Row, 4)
TextBox4.Text = Cells(ActiveCell.Row, 5)
TextBox5.Text = Cells(ActiveCell.Row, 6)

End Sub

```

---

FORM: EDITDATA

```

Public lr_DATA As Long

Public SAVE As String

Public i, L As Long

Private Sub CommandButton1_Click()

Cells(ActiveCell.Row, 1) = TextBox8.Text

```

```

Cells(ActiveCell.Row, 2) = TextBox1.Text
Cells(ActiveCell.Row, 3) = TextBox2.Text
Cells(ActiveCell.Row, 4) = TextBox3.Text
Cells(ActiveCell.Row, 5) = TextBox4.Text
Cells(ActiveCell.Row, 6) = TextBox5.Text
MsgBox ("Employee DATA modified, check in VIEW")

Thisworkbook.save

.delete

Unload Me

ADDEDITDEL.Frame3.Visible = False

End Sub

Private Sub UserForm_Initialize()

Sheets("DATA").Activate

lr_DATA = ActiveSheet.UsedRange.Rows.Count

Range("A:A").Select


Selection.Find(What:=ADDEDITDEL.TextBox2.Text, After:=ActiveCell, LookIn:=xlValues, _
    LookAt:=xlPart, SearchOrder:=xlByRows, SearchDirection:=xlNext, _
    MatchCase:=False, SearchFormat:=False).Activate


TextBox8.Text = Cells(ActiveCell.Row, 1)
TextBox1.Text = Cells(ActiveCell.Row, 2)
TextBox2.Text = Cells(ActiveCell.Row, 3)
TextBox3.Text = Cells(ActiveCell.Row, 4)
TextBox4.Text = Cells(ActiveCell.Row, 5)

```



```
TextBox5.Text = Cells(ActiveCell.Row, 6)
```

```
End Sub
```

---

```
FORM: MAINMENU
```

```
Public rng As String
```

```
Private Sub CommandButton1_Click()
```

```
ADDEDITDEL.Show
```

```
End Sub
```

```
Private Sub CommandButton2_Click()
```

```
QUERY.Show
```

```
End Sub
```

```
Private Sub CommandButton3_Click()
```

```
Application.Quit
```

```
End Sub
```

```
Private Sub CommandButton4_Click()
```

```
CHART.Show
```

```
End Sub
```

Private Sub CommandButton5\_Click()

VIEW.Show

End Sub

---

FORM QUERY:

Public LABELVAR As String

Private Sub CommandButton1\_Click()

QUERYID.Show

End Sub

Private Sub CommandButton2\_Click()

QUERYNAME.Show

End Sub

Private Sub CommandButton3\_Click()

QUERYBRANCH.Show

End Sub

Private Sub CommandButton4\_Click()

QUERYPHONE.Show

End Sub

```
Private Sub UserForm_Click()
```

```
End Sub
```

---

```
FORM QUERYBRANCH:
```

```
Public lr_DATA As Long
```

```
Public SAVE, LABELVAR As String
```

```
Public i, L As Long
```

```
Sub comblink()
```

```
ComboBox4.Text = "Select branch"
```

```
Sheets("DATA").Activate
```

```
Dim v, e
```

```
With Sheets("DATA").Range("f2:f" & lr_DATA)
```

```
    v = .Value
```

```
End With
```

```
With CreateObject("scripting.dictionary")
```

```
    .comparemode = 1
```

```
    For Each e In v
```

```
        If Not .exists(e) And Len(e) > 0 Then .Add e, Nothing
```

```
    Next
```

```
    If .Count Then Me.ComboBox4.List = Application.Transpose(.keys)
```

```
End With
```

```
End Sub
```

```
Private Sub UserForm_Initialize()
```

```
    Sheets("DATA").Activate
```

```
lr_DATA = ActiveSheet.UsedRange.Rows.Count
```

```
Rows(2).Activate
```

```
,
```

```
Call comblink
```

```
End Sub
```

```
Private Sub CommandButton22_Click()
```

```
QUERY.LABELVAR = ComboBox4.Text
```

```
Sheets("QUERY_OUTPUT").Activate
```

```
Columns("A:F").Select
```

```
Selection.DELETE Shift:=xlToLeft
```

```
Range("A1").Select
```

```
,
```

```
Sheets("DATA").Activate
```

```
ActiveSheet.AutoFilterMode = False
```

```
Dim r As Range
```

```
Set r = Range("A1:f" & lr_DATA).CurrentRegion ' set up your range first
```

```
r.AutoFilter Field:=6, Criteria1:="=" & ComboBox4.Value & "=", Operator:=xlAnd
```

```
Sheets("DATA").UsedRange.SpecialCells _
```

```
(xlCellTypeVisible).Select
```

```
Selection.Copy
```

```
,
```

```
Sheets("QUERY_OUTPUT").Activate
```

Selection.PasteSpecial

Range("a1").Select

,

Sheets("DATA").Activate

Selection.AutoFilter

    Sheets("QUERY\_OUTPUT").Activate

    Range("B2").Select

    If Len(ActiveCell.Value) = 0 Then

        MsgBox ("Entered data is not valid, please try with correct data")

    Else

        Unload QUERYID

        QUERYRESULT.Show

    End If

,

End Sub

---

FORM: QUERYID

Public Ir\_DATA As Long

Public SAVE, LABELVAR As String

Public i, L As Long

Sub filling()

'grid view

'Uses early binding and requires a reference to the Excel Object Library

```

Dim xlApp As Excel.Application

Dim xlbook As Excel.Workbook

Dim Listarray As Variant

Dim bStartApp As Boolean

On Error Resume Next

Set xlApp = GetObject(, "Excel.Application")

If Err Then

    bStartApp = True

    Set xlApp = New Excel.Application

End If

On Error GoTo 0

With xlApp

    Listarray = Sheets("DATA").Range("A1:f" & lr_DATA).Value

    End With

If bStartApp Then xlApp.Quit

Set xlApp = Nothing

With ListBox1

    .ColumnCount = UBound(Listarray, 2)

    .Clear

    .List() = Listarray

End With

lbl_Exit:

Exit Sub

,

```

End Sub

Private Sub UserForm\_Initialize()

Sheets("DATA").Activate

lr\_DATA = ActiveSheet.UsedRange.Rows.Count

Rows(2).Activate

filling

End Sub

Private Sub CommandButton12\_Click()

QUERY.LABELVAR = TextBox9.Text

Sheets("QUERY\_OUTPUT").Activate

Columns("A:F").Select

Selection.DELETE Shift:=xlToLeft

Range("A1").Select

,

Sheets("DATA").Activate

ActiveSheet.AutoFilterMode = False

Dim r As Range

Set r = Range("A1:f" & lr\_DATA).CurrentRegion ' set up your range first

r.AutoFilter Field:=1, Criteria1:="=" & TextBox9.Value & "=", Operator:=xlAnd

Sheets("DATA").UsedRange.SpecialCells \_

(xlCellTypeVisible).Select

Selection.Copy

```
'  
  
Sheets("QUERY_OUTPUT").Activate
```

```
Selection.PasteSpecial
```

```
Range("a1").Select
```

```
'  
  
Sheets("DATA").Activate
```

```
Selection.AutoFilter
```

```
  
    Sheets("QUERY_OUTPUT").Activate
```

```
    Range("B2").Select
```

```
    If Len(ActiveCell.Value) = 0 Then
```

```
        MsgBox ("Entered data is not valid, please try with correct data")
```

```
    Else
```

```
        Unload QUERYID
```

```
        QUERYRESULT.Show
```

```
    End If
```

```
  
End Sub
```

---

```
FORM: QUERYNAME
```

```
Public Ir_DATA As Long
```

```
Public SAVE, LABELVAR As String
```

```
Public i, L As Long
```

```
  
Sub filling()
```



```

'grid view

'Uses early binding and requires a reference to the Excel Object Library

Dim xlApp As Excel.Application

Dim xlbook As Excel.Workbook

Dim Listarray As Variant

Dim bStartApp As Boolean

On Error Resume Next

Set xlApp = GetObject( "Excel.Application")

If Err Then

    bStartApp = True

    Set xlApp = New Excel.Application

End If

On Error GoTo 0

With xlApp

    Listarray = Sheets("DATA").Range("A1:f" & Ir_DATA).Value

End With

If bStartApp Then xlApp.Quit

Set xlApp = Nothing

With ListBox1

    .ColumnCount = UBound(Listarray, 2)

    .Clear

    .List() = Listarray

End With

lbl_Exit:

```

Exit Sub

,

End Sub

Private Sub UserForm\_Initialize()

Sheets("DATA").Activate

lr\_DATA = ActiveSheet.UsedRange.Rows.Count

Rows(2).Activate

,

Call filling

End Sub

Private Sub CommandButton15\_Click()

QUERY.LABELVAR = TextBox11.Text

Sheets("QUERY\_OUTPUT").Activate

Columns("A:F").Select

Selection.DELETE Shift:=xlToLeft

Range("A1").Select

,

Sheets("DATA").Activate

ActiveSheet.AutoFilterMode = False

Dim r As Range

Set r = Range("A1:f" & lr\_DATA).CurrentRegion ' set up your range first

r.AutoFilter Field:=2, Criteria1:="=" & TextBox11.Value & "=", Operator:=xlAnd

Sheets("DATA").UsedRange.SpecialCells \_

(xlCellTypeVisible).Select

Selection.Copy

,

Sheets("QUERY\_OUTPUT").Activate

Selection.PasteSpecial

Range("a1").Select

,

Sheets("DATA").Activate

Selection.AutoFilter

    Sheets("QUERY\_OUTPUT").Activate

    Range("B2").Select

    If Len(ActiveCell.Value) = 0 Then

        MsgBox ("Entered data is not valid, please try with correct data")

    Else

        Unload QUERYID

        QUERYRESULT.Show

    End If

End Sub

---

FORM: QUERYPHONE

Public Ir\_DATA As Long

Public SAVE, LABELVAR As String

```

Public i, L As Long

Sub filling()

'grid view

'Uses early binding and requires a reference to the Excel Object Library

Dim xlApp As Excel.Application

Dim xlbook As Excel.Workbook

Dim Listarray As Variant

Dim bStartApp As Boolean

On Error Resume Next

Set xlApp = GetObject(, "Excel.Application")

If Err Then

    bStartApp = True

    Set xlApp = New Excel.Application

End If

On Error GoTo 0

With xlApp

    Listarray = Sheets("DATA").Range("A1:f" & Ir_DATA).Value

    End With

If bStartApp Then xlApp.Quit

Set xlApp = Nothing

With ListBox1

    .ColumnCount = UBound(Listarray, 2)

    .Clear

    .List() = Listarray

```

```

End With

lbl_Exit:

Exit Sub

'

End Sub

Private Sub UserForm_Initialize()

Sheets("DATA").Activate

lr_DATA = ActiveSheet.UsedRange.Rows.Count

Rows(2).Activate

'

Call filling

End Sub

Private Sub CommandButton17_Click()

QUERY.LABELVAR = TextBox13.Text

Sheets("QUERY_OUTPUT").Activate

Columns("A:F").Select

Selection.DELETE Shift:=xlToLeft

Range("A1").Select

'

Sheets("DATA").Activate

ActiveSheet.AutoFilterMode = False

Dim r As Range

Set r = Range("A1:f" & lr_DATA).CurrentRegion ' set up your range first

r.AutoFilter Field:=3, Criteria1:="=" & TextBox13.Value & "=", Operator:=xlAnd

```

Sheets("DATA").UsedRange.SpecialCells \_

(xlCellTypeVisible).Select

Selection.Copy

,

Sheets("QUERY\_OUTPUT").Activate

Selection.PasteSpecial

Range("a1").Select

,

Sheets("DATA").Activate

Selection.AutoFilter

    Sheets("QUERY\_OUTPUT").Activate

    Range("B2").Select

    If Len(ActiveCell.Value) = 0 Then

        MsgBox ("Entered data is not valid, please try with correct data")

    Else

        Unload QUERYID

        QUERYRESULT.Show

    End If

End Sub

---

FORM: QUERYRESULT

Public Ir\_QUERY\_OUTPUT As Long

Public SAVE, LABELVAR As String

```

Public i As Long

Sub disprecs()

    TextBox8.Text = Cells(ActiveCell.Row, 1)

    TextBox1.Text = Cells(ActiveCell.Row, 2)

    TextBox2.Text = Cells(ActiveCell.Row, 3)

    TextBox3.Text = Cells(ActiveCell.Row, 4)

    TextBox4.Text = Cells(ActiveCell.Row, 5)

    TextBox5.Text = Cells(ActiveCell.Row, 6)

    Label1 = ActiveCell.Row - 1 & "/" & Ir_QUERY_OUTPUT - 1

    Thisworkbook.save

End Sub

Private Sub CommandButton1_Click()

    Rows(2).Activate

    Call disprecs

End Sub

Private Sub CommandButton2_Click()

    If ActiveCell.Row = 2 Then

        MsgBox ("This is the first record...you can't move to previous")

    Exit Sub

End If

    Rows(ActiveCell.Row - 1).Activate

    Call disprecs

End Sub

Private Sub CommandButton3_Click()

```

```

If ActiveCell.Row = lr_QUERY_OUTPUT Then

MsgBox ("This is the last record, you can't move next anymore")

Exit Sub

End If

Rows(ActiveCell.Row + 1).Activate

Call dispregs

End Sub

Private Sub CommandButton4_Click()

Rows(lr_QUERY_OUTPUT).Activate

Call dispregs

End Sub

'---

Sub filling()

'grid view

'Uses early binding and requires a reference to the Excel Object Library

Dim xlApp As Excel.Application

Dim xlbook As Excel.Workbook

Dim Listarray As Variant

Dim bStartApp As Boolean

On Error Resume Next

Set xlApp = GetObject( "Excel.Application")

If Err Then

    bStartApp = True

    Set xlApp = New Excel.Application

End If

```



On Error GoTo 0

With xlApp

Listarray = Sheets("QUERY\_OUTPUT").Range("A1:f" & Ir\_QUERY\_OUTPUT).Value

End With

If bStartApp Then xlApp.Quit

Set xlApp = Nothing

With ListBox1

.ColumnCount = UBound(Listarray, 2)

.Clear

.List() = Listarray

End With

lbl\_Exit:

Exit Sub

,

End Sub

Private Sub CommandButton6\_Click()

format\_queryresult

,

ActiveSheet.PageSetup.Orientation = xlPortrait

With Sheets("QUERY\_OUTPUT").Range("a1:f" & Ir\_QUERY\_OUTPUT)

.ExportAsFixedFormat \_

Type:=xlTypePDF, \_

Filename:="C:\contact\_data\report.pdf", \_

Quality:=xlQualityStandard, \_  
IncludeDocProperties:=True, \_  
IgnorePrintAreas:=False, \_  
OpenAfterPublish:=True

End With

End Sub

```
Private Sub UserForm_Initialize()  
Label10.Caption = "Result of your Query =>" & QUERY.LABELVAR  
Sheets("QUERY_OUTPUT").Activate  
lr_QUERY_OUTPUT = ActiveSheet.UsedRange.Rows.Count  
Rows(2).Activate  
,
```

Call filling

Call disprecs

End Sub

---

FORM: VIEW

Public lr\_DATA As Long

Public SAVE As String

Public i, L As Long

Sub disprecs()

TextBox8.Text = Cells(ActiveCell.Row, 1)

TextBox1.Text = Cells(ActiveCell.Row, 2)

```
TextBox2.Text = Cells(ActiveCell.Row, 3)
```

```
TextBox3.Text = Cells(ActiveCell.Row, 4)
```

```
TextBox4.Text = Cells(ActiveCell.Row, 5)
```

```
TextBox5.Text = Cells(ActiveCell.Row, 6)
```

```
Label1 = ActiveCell.Row - 1 & "/" & Ir_DATA - 1
```

```
End Sub
```

```
Private Sub CommandButton5_Click()
```

```
Rows(2).Activate
```

```
Call disprec
```

```
End Sub
```

```
Private Sub CommandButton6_Click()
```

```
If ActiveCell.Row = 2 Then
```

```
MsgBox ("This is the first record...you can't move to previous")
```

```
Exit Sub
```

```
End If
```

```
Rows(ActiveCell.Row - 1).Activate
```

```
Call disprec
```

```
End Sub
```

```
Private Sub CommandButton7_Click()
```

```
If ActiveCell.Row = Ir_DATA Then
```

```
MsgBox ("This is the last record, you can't move next anymore")
```

```
Exit Sub
```

```
End If
```

```
Rows(ActiveCell.Row + 1).Activate
```

```
Call dispregs
```

```
End Sub
```

```
Private Sub CommandButton8_Click()
```

```
Rows(lr_DATA).Activate
```

```
Call dispregs
```

```
End Sub
```

```
Sub filling()
```

```
'grid view
```

```
'Uses early binding and requires a reference to the Excel Object Library
```

```
Dim xlApp As Excel.Application
```

```
Dim xlbook As Excel.Workbook
```

```
Dim Listarray As Variant
```

```
Dim bStartApp As Boolean
```

```
On Error Resume Next
```

```
Set xlApp = GetObject( "Excel.Application")
```

```
If Err Then
```

```
    bStartApp = True
```

```
    Set xlApp = New Excel.Application
```

```
End If
```

```
On Error GoTo 0
```

```
With xlApp
```

```
    Listarray = Sheets("DATA").Range("A1:f" & lr_DATA).Value
```

```

        End With

    If bStartApp Then xlApp.Quit

    Set xlApp = Nothing

    With ListBox1

        .ColumnCount = UBound(Listarray, 2)

        .Clear

        .List() = Listarray

    End With

    lbl_Exit:

    Exit Sub

    '

End Sub

Private Sub UserForm_Initialize()

    Sheets("DATA").Activate

    lr_DATA = ActiveSheet.UsedRange.Rows.Count

    Rows(2).Activate

    '

    Call filling

    Call dispregs

    End Sub

```

---

MODULE FOR CHART\_AGE:

```

Sub CHART_AGE()

    Sheets("CHART_AGE").Select

```

```

Columns("a:o").Select

Selection.DELETE Shift:=xlToLeft

Range("A1").Select
,

Sheets("DATA").Activate

Range("E2:E187").Select

Selection.Copy

Sheets("CHART_AGE").Select

Range("A1").Select

ActiveSheet.Paste

Range("A1").Select
,

Range("b1:b186").Value = 1

Columns("A:B").Select

Application.CutCopyMode = False

ActiveWorkbook.PivotCaches.Create(SourceType:=xlDatabase, SourceData:= _
    "CHART_AGE!R1C1:R189C2", Version:=xlPivotTableVersion14). _
    CreatePivotTable TableDestination:="CHART_AGE!R1C3", TableName:= _
    "PivotTable11", DefaultVersion:=xlPivotTableVersion14

Sheets("CHART_AGE").Select

Cells(1, 3).Select

With ActiveSheet.PivotTables("PivotTable11").PivotFields("37")

    .Orientation = xlRowField

    .Position = 1

End With

```

```

With ActiveSheet.PivotTables("PivotTable11").PivotFields("1")

    .Orientation = xlRowField

    .Position = 2

End With

ActiveSheet.PivotTables("PivotTable11").AddDataField ActiveSheet.PivotTables( _

    "PivotTable11").PivotFields("1"), "Count of 1", xlCount

ActiveSheet.PivotTables("PivotTable11").PivotSelect ""25"", xlDataAndLabel + _

    xlFirstRow, True

Selection.Group Start:=True, End:=True, By:=5

Columns("C:D").Select

ActiveSheet.Shapes.AddChart.Select

ActiveChart.ChartType = xlArea

ActiveChart.SetSourceData Source:=Range("CHART_AGE!$C$1:$D$9")

ActiveChart.ShowAllFieldButtons = False

' ActiveSheet.ChartObjects("Chart 1").Activate

ActiveChart.ChartTitle.Select

ActiveChart.ChartTitle.Text = "COUNT OF EMPLOYEES IN EACH AGE GROUP"

Selection.Format.TextFrame2.TextRange.Characters.Text = "COUNT OF EMPLOYEES IN EACH
AGE GROUP"

With Selection.Format.TextFrame2.TextRange.Characters(1, 17).ParagraphFormat

    .TextDirection = msoTextDirectionLeftToRight

    .Alignment = msoAlignCenter

End With

With Selection.Format.TextFrame2.TextRange.Characters(1, 5).Font

    .BaselineOffset = 0

    .Bold = msoTrue

```

```
.NameComplexScript = "+mn-cs"  
.NameFarEast = "+mn-ea"  
.Fill.Visible = msoTrue  
.Fill.ForeColor.RGB = RGB(0, 0, 0)  
.Fill.Transparency = 0  
.Fill.Solid  
.Size = 18  
.Italic = msoFalse  
.Kerning = 12  
.NAME = "+mn-lt"  
.UnderlineStyle = msoNoUnderline  
.Strike = msoNoStrike
```

End With

With Selection.Format.TextFrame2.TextRange.Characters(6, 12).Font

```
.BaselineOffset = 0  
.Bold = msoTrue  
.NameComplexScript = "+mn-cs"  
.NameFarEast = "+mn-ea"  
.Fill.Visible = msoTrue  
.Fill.ForeColor.RGB = RGB(0, 0, 0)  
.Fill.Transparency = 0  
.Fill.Solid  
.Size = 18  
.Italic = msoFalse  
.Kerning = 12
```



.NAME = "+mn-It"

.UnderlineStyle = msoNoUnderline

.Strike = msoNoStrike

End With

Columns("A:B").Select

Selection.DELETE Shift:=xlToLeft

Range("E4").Select

,

ActiveSheet.PageSetup.Orientation = xlLandscape

With Sheets("CHART\_AGE").Range("a1:M22")

.ExportAsFixedFormat \_

Type:=xlTypePDF, \_

Filename:="C:\contact\_data\CHART\_AGE.pdf", \_

Quality:=xlQualityStandard, \_

IncludeDocProperties:=True, \_

IgnorePrintAreas:=False, \_

OpenAfterPublish:=True

End With

End Sub

---

MODULE FOR CHART\_BRANCH:

Sub CHART\_BRANCH()

Sheets("CHART\_BRANCH").Activate

Columns("A:P").Select

```

Selection.DELETE Shift:=xlToLeft

Range("P3").Select
,

Sheets("DATA").Select

Columns("F:F").Select

Selection.Copy

Sheets("CHART_BRANCH").Select

Range("A1").Select

ActiveSheet.Paste

Range("B2").Select

Application.CutCopyMode = False

ActiveCell.FormulaR1C1 = "1"

Selection.AutoFill Destination:=Range("B2:B187"), Type:=xlFillDefault

Range("B2:B187").Select

Range("B1").Select

ActiveCell.FormulaR1C1 = "COUNT"

Columns("A:B").Select

ActiveWorkbook.PivotCaches.Create(SourceType:=xlDatabase, SourceData:= _
    "CHART_BRANCH!R1C1:R187C2", Version:=xlPivotTableVersion14).CreatePivotTable _
    TableDestination:="CHART_BRANCH!R1C3", TableName:="PivotTable1", DefaultVersion _
    :=xlPivotTableVersion14

Sheets("CHART_BRANCH").Select

Cells(1, 3).Select

ActiveSheet.Shapes.AddChart.Select

ActiveChart.ChartType = xlPie

```

```

ActiveChart.SetSourceData Source:=Range("CHART_BRANCH!$C$1:$E$18")

With ActiveSheet.PivotTables("PivotTable1").PivotFields("BRANCH")

    .Orientation = xlRowField

    .Position = 1

End With

With ActiveSheet.PivotTables("PivotTable1").PivotFields("COUNT")

    .Orientation = xlRowField

    .Position = 2

End With

ActiveSheet.PivotTables("PivotTable1").AddDataField ActiveSheet.PivotTables( _
    "PivotTable1").PivotFields("COUNT"), "Count of COUNT", xlCount

ActiveChart.ShowAllFieldButtons = False

' ActiveSheet.ChartObjects("Chart 1").Activate

ActiveChart.ChartTitle.Select

ActiveChart.ChartTitle.Text = "BRANCH WISE COUNT OF EMPLOYEES"

Selection.Format.TextFrame2.TextRange.Characters.Text = _
    "BRANCH WISE COUNT OF EMPLOYEES"

With Selection.Format.TextFrame2.TextRange.Characters(1, 30).ParagraphFormat

    .TextDirection = msoTextDirectionLeftToRight

    .Alignment = msoAlignCenter

End With

With Selection.Format.TextFrame2.TextRange.Characters(1, 6).Font

    .BaselineOffset = 0

    .Bold = msoTrue

    .NameComplexScript = "+mn-cs"

```

.NameFarEast = "+mn-ea"

.Fill.Visible = msoTrue

.Fill.ForeColor.RGB = RGB(0, 0, 0)

.Fill.Transparency = 0

.Fill.Solid

.Size = 18

.Italic = msoFalse

.Kerning = 12

.NAME = "+mn-lt"

.UnderlineStyle = msoNoUnderline

.Strike = msoNoStrike

End With

With Selection.Format.TextFrame2.TextRange.Characters(7, 24).Font

.BaselineOffset = 0

.Bold = msoTrue

.NameComplexScript = "+mn-cs"

.NameFarEast = "+mn-ea"

.Fill.Visible = msoTrue

.Fill.ForeColor.RGB = RGB(0, 0, 0)

.Fill.Transparency = 0

.Fill.Solid

.Size = 18

.Italic = msoFalse

.Kerning = 12

.NAME = "+mn-lt"

.UnderlineStyle = msoNoUnderline

.Strike = msoNoStrike

End With

Range("F17").Select

Columns("A:B").Select

Selection.DELETE Shift:=xlToLeft

Range("F8").Select

,

ActiveSheet.PageSetup.Orientation = xlLandscape

With Sheets("CHART\_BRANCH").Range("a1:M21")

.ExportAsFixedFormat \_

Type:=xlTypePDF, \_

Filename:="C:\contact\_data\CHART\_BRANCH.pdf", \_

Quality:=xlQualityStandard, \_

IncludeDocProperties:=True, \_

IgnorePrintAreas:=False, \_

OpenAfterPublish:=True

End With

End Sub

---

---

MODULE FOR QUERYRESULT FORMATTING:

Sub format\_queryresult()

,

' Macro1 Macro

Cells.Select

Selection.Font.Bold = True

With Selection.Font

.NAME = "Calibri"

.Size = 12

.Strikethrough = False

.Superscript = False

.Subscript = False

.OutlineFont = False

.Shadow = False

.Underline = xlUnderlineStyleNone

.TintAndShade = 0

.ThemeFont = xlThemeFontMinor

End With

Selection.Columns.AutoFit

Rows("1:1").Select

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlBottom

.WrapText = False

.Orientation = 0

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

With Selection.Font

.Color = -16776961

.TintAndShade = 0

End With

Cells.Select

Selection.RowHeight = 20

Columns("F:F").Select

With Selection

.HorizontalAlignment = xlGeneral

.VerticalAlignment = xlBottom

.WrapText = False

.Orientation = 0

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

With Selection

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlBottom

.WrapText = False

.Orientation = 0

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

Range("A1").Select

End Sub

---