

```
Dim i, j, k, g, h, Tam, Tam1, pos, cond As Integer
Dim SIS(2), sexo(2), nota(2), nomb(2), ape(2) As String
Dim XX, nom, nom1, may As String
Dim V(0 To 2) As String
```

Private Sub CommandButton1_Click()

```
Open "d:\archil.dad" For Input As #1
```

```
    i = 0
```

```
    Do While Not EOF(1)
```

```
        Input #1, V(i)
```

```
        i = i + 1
```

```
    Loop
```

```
Close #1
```

```
For j = 0 To i - 1
```

```
    TT1.Text = TT1.Text & V(j) & Chr(13) & Chr(10)
```

```
Next
```

```
End Sub
```

Private Sub CommandButton2_Click()

```
For k = 0 To i - 1
```

```
    XX = V(k)
```

```
    Tam = Len(XX) 'faltan trabajar los espacios
```

```
    SIS(k) = Left(XX, 9) 'codigo sis
```

```
    sexo(k) = Right(XX, 1) 'el sexo de la persona
```

```
    nom = Mid(XX, 11, (Tam - 12)) 'nombre apellido y nota
```

```
    nota(k) = Right(nom, 2) 'nota
```

```
    nom1 = Mid(XX, 11, (Tam - 15)) 'nombre apellido
```

```
    Tam1 = Len(nom1)
```

```
    pos = InStr(nom1, " ")
```

```
    nomb(k) = Mid(nom1, 1, pos - 1)
```

```
    ape(k) = Mid(nom1, pos + 1, Tam1 - pos)
```

```
    V(k) = ape(k) & " " & nomb(k) & " " & SIS(k) & " " & nota(k) & " " & sexo(k)
```

```
Next
```

```

For g = 0 To i - 2
    For h = g + 1 To i - 1
        If V(g) > V(h) Then
            aux = V(g)
            V(g) = V(h)
            V(h) = aux
        End If
    Next
Next
TT1.Text = ""
For j = 0 To i - 1
    TT1.Text = TT1.Text & V(j) & Chr(13) & Chr(10)
Next
MsgBox ("El vector ya esta ordenado")
Open "d:\archi2.dad" For Output As #4
For j = 0 To i - 1
    Print #4, V(j)
Next
Close #4
End Sub

Private Sub CommandButton3_Click()
TT1.Text = ""
Open "d:\aprobat1.dad" For Output As #3
For j = 0 To i - 1
    If nota(j) >= 51 Then
        TT1.Text = TT1.Text & nomb(j) & " " & ape(j) & " " & nota(j) & Chr(13) &
Chr(10)
        V(j) = nomb(j) & " " & ape(j) & " " & nota(j)
        Print #3, V(j)
    End If
Next
Close #3
End Sub

Private Sub CommandButton4_Click()
Open "d:\archi2.dad" For Input As #4
    i = 0
    Do While Not EOF(4)
        Input #4, V(i)
        i = i + 1
    Loop
Close #4
XX = cod.Text
pos = -1
For j = 0 To i - 1
    If SIS(j) = XX Then
        pos = j
    End If
Next
If pos >= 0 Then
    dad.Text = nomb(pos) & " " & ape(pos)
Else
    dad.Text = "no existe"
End If
End Sub

```

```

Private Sub CommandButton5_Click()
may = 51
For j = 0 To i - 1
    If nota(j) > may Then
        may = nota(j)
        pos = j
    Else
        MsgBox ("esta es la mayor nota")
    End If
Next
dad.Text = may & " " & nomb(pos) & " " & ape(pos)
End Sub

```

```

Private Sub CommandButton6_Click()
Open "d:\archi2.dad" For Input As #4
    i = 0
    Do While Not EOF(4)
        Input #4, V(i)
        i = i + 1
    Loop
Close #4
cond = 0
For j = 0 To i - 1
    If sexo(j) = "F" Then
        cond = cond + 1
    End If
Next
SEX.Text = cond
End Sub

```

```

Private Sub CommandButton7_Click()
Open "d:\archi2.dad" For Input As #4
    i = 0
    Do While Not EOF(4)
        Input #4, V(i)
        i = i + 1
    Loop
Close #4
cond = 0
For j = 0 To i - 1
    If sexo(j) = "M" Then
        cond = cond + 1
    End If
Next
SEX.Text = cond
End Sub

```

```

Private Sub UserForm_Click()
i=0

```

```

End Sub

```