

```

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)

Next
For g = 0 To i - 2
    For h = g + 1 To i - 1
        If ape(g) > ape(h) Then
            aux = ape(g)
            ape(g) = ape(h)
            ape(h) = aux
            aux1 = nomb(g)
            nomb(g) = nomb(h)
            nomb(h) = aux1
            aux2 = SIS(g)
            SIS(g) = SIS(h)
            SIS(h) = aux2
            aux3 = nota(g)
            nota(g) = nota(h)
            nota(h) = aux3
            aux4 = sexo(g)
            sexo(g) = sexo(h)
            sexo(h) = aux4
        End If
    Next
Next
TT1.Text = ""
For j = 0 To i - 1
    TT1.Text = TT1.Text & ape(j) & " " & nomb(j) & " " & SIS(j) & " " & nota(j) & " " &
    sexo(j) & Chr(13) & Chr(10)
Next
MsgBox ("El vector ya esta ordenado")
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()**

```
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()**

```
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()**

```
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()
End Sub
```