

' Gambas class file

Private Conn As New Connection

Private Rezultat As Result

Private fil As Integer

Public Sub \_new()

End

Public Sub Form\_Open()

Dim i As Integer

Dim tablica As Table

Dim Rezultat1 As Result

Dim sql As String

'izgled gridview

GridView1.header = GridView.Horizontal

GridView1.grid = False

GridView1.Rows.count = 0

GridView1.Columns.count = 3

GridView1.Columns[0].text = "ID"

GridView1.Columns[1].text = "Ime"

GridView1.Columns[0].width = 1

GridView1.Columns[1].width = 150

GridView1.Columns[2].text = "Telefon"

GridView1.Columns[2].width = "100"

GridView1.mode = 2

GridView1.border = False

GridView1.sorted = False

If Exist(User.home & "/telefoni.sqlite") Then 'ako baza postoji

Conn = New Connection

Conn.Type = "sqlite"

Conn.Host = User.home

Conn.Name = "telefoni.sqlite"

Try Conn.Open()

If Error Then

    Message.Error("Pogreška.")

    Conn = Null

Else

Rezultat = Conn.Exec("Select \* from imetablice order by ime asc")

GridView1.Rows.Count = Rezultat.Count

otvaranjebaze

```

txtrazi.SetFocus

End If

'kreiramo bazu podataka ako je nema, telefoni.sqlite
Else

With Conn
    .Type = "sqlite"
    .host = User.home
    .name = ""
End With

Conn.Open
    Conn.Databases.Add("telefoni.sqlite")
Conn.Close

'definiranje tablice naziva imetablice
Conn.name = "telefoni.sqlite"
Conn.Open
    tablica = Conn.Tables.Add("imetablice")
    tablica.Fields.Add("ID", db.Serial)
    tablica.Fields.Add("ime", db.string)
    tablica.Fields.Add("telefon", db.string)
    tablica.PrimaryKey = ["ID"]
    tablica.Update

Conn.Commit

'čitanje baze
sql = "select * from imetablice order by ime asc"
Rezultat = Conn.Exec(sql)
GridView1.Rows.Count = Rezultat.Count
otvaranjebaze
Catch
Conn.Rollback
Message.Error(DConv(Error.Text))

End If

End

Public Sub cmdinput_Click()

    Dim i As Integer
    Dim slovo As String ' velika slova u imenu
    Dim veliko As String ' cijelo ime
    Dim brojrazmaka As Integer

```

```
Dim trazenjerazmaka As Integer
Dim ime As String
Dim telefon As String
Dim varrezultat As Result
```

```
ime = InputBox("Upis imena:(max 23 znaka) ", "Primjer: Petrović Petar")
If Len(Trim(ime)) > 23 Then
    Message("Ime: Max. 23 znaka" & ", Upisali ste: " & Len(Trim(ime)))
    Return
Else If Len(Trim(ime)) < 1 Then
    Return
End If
```

```
telefon = InputBox("Upis telefona:(max 16 znakova) ", "Primjer: 092/303-8990")
If Len(Trim(telefon)) > 16 Then
    Message("Telefon: Max. 16 znakova" & ", Upisali ste: " & Len(Trim(telefon)))
    Return
Else If Len(Trim(telefon)) < 1 Then
    Return
End If
ime = Trim(ime)
telefon = Trim(telefon)
```

```
'tekst velika slova
For i = 1 To Len(ime)

    slovo = Mid(ime, i, 1)
    If slovo = " " Then
        brojrazmaka = brojrazmaka + 1

    Endif
    If brojrazmaka > 1 And slovo = " " Then
        slovo = ""
    Else
        veliko = veliko & slovo
    Endif
Next
ime = veliko
veliko = ""

trazenjerazmaka = InStr(ime, " ", 1)
trazenjerazmaka = trazenjerazmaka + 1
' Message.Info(trazenjerazmaka)

For i = 1 To Len(ime)

    slovo = Mid(ime, i, 1)
    If i = 1 Or i = trazenjerazmaka
```

```
        veliko = veliko & UCase(slovo)
    Else
        veliko = veliko & slovo
    End If
Next
ime = veliko
'završeno velika slova
```

```
' upisujemo u bazu
varrezultat = Conn.Create("imetablice")
varrezultat["ime"] = ime
varrezultat["telefon"] = telefon
varrezultat.update
Rezultat = Conn.Exec("select * from imetablice order by ime asc")
GridView1.Rows.Count = Rezultat.Count
'obnova gridview
    otvaranjebaze
    txttrazi.text = ""
    txttrazi.setfocus

End
```

```
Public Sub Form_Close()
```

```
    Conn.Close
```

```
End
```

```
Public Sub otvaranjebaze()
```

```
    GridView1.Rows.Count = Rezultat.Count
```

```
    If Rezultat.Count > 0 Then
```

```
        fil = 0
```

```
    Rezultat.MoveFirst
```

```
Do While Rezultat.Available
```

```
    GridView1[fil, 0].Text = Str(Rezultat!ID)
```

```
    GridView1[fil, 1].Text = Str(Rezultat!ime)
```

```
    GridView1[fil, 2].Text = Str(Rezultat!telefon)
```

```
    fil = fil + 1
```

```
    Rezultat.MoveNext()
```

```
Loop
```

```
Endif
```

```
End
```

```

Public Sub txttrazi_Change()
'traženje na gridview listi
  Dim i As Integer

  For i = 0 To GridView1.rows.count - 1

  If Mid(UCase(GridView1[i, 1].text), 1, Len(txttrazi.text)) = UCase(txttrazi.text) Then

    GridView1.Rows[i].selected = True
    If Trim(txttrazi.text) = "" Then
      GridView1.Rows[i].selected = False
    End If
  Else
    GridView1.Rows[i].selected = False

  Endif
Next

End

```

```

Public Sub cmdbrisanje_Click()
Dim res As Result
Dim i As Integer
Dim idstring As String
Dim imestring As String

For i = 0 To GridView1.rows.count - 1
  If GridView1.Rows[i].selected = True Then
    idstring = GridView1[i, 0].text ' ID
    imestring = GridView1[i, 1].text ' ime

    If Message.Question("Brisanje upisa: " & imestring, "Da", "Ne") = 1 Then
      res = Conn.Edit("imetablice", "ID=" & idstring)
      res.Delete
      res = Conn.Exec("Select * from imetablice order by ime asc")
      Rezultat = res
      otvaranjebaze
    Endif

  Endif

Next
txttrazi.text = ""

```

```
txttrazi.SetFocus
```

```
End
```

```
Public Sub GridView1_DbClick()
```

```
    Dim i As Integer
```

```
    Dim slovo As String ' velika slova u imenu
```

```
    Dim veliko As String ' cijelo ime
```

```
    Dim brojrazmaka As Integer
```

```
    Dim trazenjerazmaka As Integer
```

```
    Dim ime As String
```

```
    Dim telefon As String
```

```
    Dim staroime As String
```

```
    Dim staritefon As String
```

```
    Dim id As String
```

```
    Dim varrezultat As Result
```

```
If GridView1.Rows.count < 1 Then Return
```

```
For i = 0 To GridView1.rows.count - 1
```

```
    If GridView1.Rows[i].selected = True Then
```

```
        id = GridView1[i, 0].text ' ID
```

```
        staroime = GridView1[i, 1].text ' ime
```

```
        staritefon = GridView1[i, 2].text 'telefon
```

```
        Break
```

```
    End If
```

```
Next
```

```
    ime = InputBox("Ispravka imena:(max 23 znaka) ", "Primjer: Petrović Petar", staroime)
```

```
If Len(Trim(ime)) > 23 Then
```

```
    Message("Ime: Max. 23 znaka")
```

```
    txttrazi.SetFocus
```

```
    Return
```

```
Else If Len(Trim(ime)) < 1 Then
```

```
    txttrazi.SetFocus
```

```
    Return
```

```
End If
```

```
,
```

```
    telefon = InputBox("Ispravka telefona:(max 16 znakova) ", "Primjer: 092/303-8990 ",  
staritefon)
```

```
If Len(Trim(telefon)) > 16 Then
```

```
    Message("Telefon: Max. 16 znakova")
```

```
    txttrazi.SetFocus
```

```

Return
Else If Len(Trim(telefon)) < 1 Then
    txttrazi.SetFocus
Return
End If
ime = Trim(ime)
telefon = Trim(telefon)

```

```

'Da ime i prezime počinju sa velikim slovom
For i = 1 To Len(ime)

```

```

    slovo = Mid(ime, i, 1)
    If slovo = " " Then
        brojrazmaka = brojrazmaka + 1

    Endif
    If brojrazmaka > 1 And slovo = " " Then
        slovo = ""
    Else
        veliko = veliko & slovo
    Endif
Next
ime = veliko
veliko = ""

```

```

    trazenjerazmaka = InStr(ime, " ", 1)
    trazenjerazmaka = trazenjerazmaka + 1

```

```

For i = 1 To Len(ime)

```

```

,

```

```

    slovo = Mid(ime, i, 1)
    If i = 1 Or i = trazenjerazmaka
        veliko = veliko & UCase(slovo)
    Else
        veliko = veliko & slovo
    End If
Next
ime = veliko

```

```

'završeno velika slova
'' upisujemo u bazu
varrezultat = Conn.edit("imetablice", "ID=" & id)
varrezultat["ime"] = ime
varrezultat["telefon"] = telefon
varrezultat.update
Rezultat = Conn.Exec("select * from imetablice order by ime asc")
GridView1.Rows.Count = Rezultat.Count

```

```
'obnova gridview  
  otvaranje baze  
txtrazi.setfocus  
txtrazi.text = ""
```

End

```
Public Sub Form_DblClick()
```

```
  Message.Info("Autor programa: http://antun.biz")
```

End