

## Latihan Ujian Mid :

Buatlah Aplikasi di bawah ini :

INPUT DATA OBAT

INPUT DATA OBAT

APOTEK NABILA

KodeObat

O-001

NamaObat

PARAMEX

Harga

2500

Jumlah

20

Tanggal Masuk

10/12/2009

KodeSupplier:

S-003

Cari

Nama

PT. KENCANA WUNGU

Alamat

Lubuk Begalung Padang

Tambah

Batal

Simpan

Hapus

Koreksi

KodeObat	NamaObat	Harga	Jumlah
O-001	PARAMEX	2500	20
O-002	KONIMEX	2300	15
O-003	KALPANAX	7500	10
O-004	DAKTARIN	15000	12
O-005	ANTALGIN	12000	10
O-006	PONSTAN	1100	12

Record: 1 of 6 No Filter Search

Browse Data Supplier

Supplier

KodeSupl	Nama	Alamat
S-001	PT. ALADINA	Parupuk Tabing Pada
S-002	PT. KOMPAS	Khatib Sulaiman Pada
S-003	PT. KENCANA WUNGU	Lubuk Begalung Pada
*		

Record: 1 of 3 No Filter Search

Cari Data

Berdasarkan :

Data Yang Dicari :

**Database : Apotik**

**Tabel : DataObat**

KodeObat	Varchar(5)	PK
NamaObat	Varchar(30)	
Harga	Int	
Jumlah	Int	
TglMasuk	Date	
KodeSupplier	Varchar(5)	FK

**Tabel : Supplier**

KodeSupplier	Varchar(5)	PK
Nama	Varchar(30)	
Alamat	Varchar(35)	

**(Isi Data 3)**

### **Algoritma Program :**

1. Jika dimasukan Kode Obat yang sudah ada dalam database maka akan muncul pesan “ Data Sudah Ada, Mau Dikoreksi ?”.
  - Jika dijawab YES, maka akan tampil data yang ada dalam database sesuai dengan Kode Obat yang diinputkan.
  - Jika dijawab NO, maka kembali ke keadaan awal (Form Kosong)
2. Jika di Klick tombol **Cari**, maka akan muncul form **Browse Data Supplier**.
3. Dalam form **Browse Data Supplier** ada fasilitas pencarian data berdasarkan Kode Supplier atau Nama Supplier. Jika data yang dicari ada maka akan muncul pada DataGrid, ketika Datagrid di klick maka data akan muncul pada form **Input Data Obat**

**Script code Modul :**

```
Imports MySql.Data.MySqlClient
Module koneksi
    Public kon As New MySqlConnection("server=localhost ; uid=root ;
password='' ; database=latujianmid")
    Public perintah As New MySqlCommand
    Public tampildata As New MySqlDataAdapter

    Public cek As MySqlDataReader
    Public datatabel As New DataSet

End Module
```

**Script code Form Data Obat :**

```
Public Class F_dataobat

Private Sub btcari_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btcari.Click
    F_datasupplier.Enabled = True
    F_datasupplier.ShowDialog()
    F_datasupplier.Enabled = False
End Sub

Private Sub bttambah_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles bttambah.Click
    txtkodeobat.Focus()
End Sub

Sub kosong()
    txtkodeobat.Clear()
    txtnamaobat.Clear()
    txtharga.Clear()
    txtjumlah.Clear()
    txtkodesupplier.Clear()
    txtnamasupplier.Clear()
    txtalamat.Clear()
End Sub

Sub proses(ByVal sql As String)
    kon.Open()
    perintah.Connection = kon
    perintah.CommandType = CommandType.Text
    perintah.CommandText = sql
    perintah.ExecuteNonQuery()
    kon.Close()
    Call tampil()
    Call kosong()
End Sub

Private Sub btsimpan_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btsimpan.Click
    proses("insert into dataobat values('" & txtkodeobat.Text & "','" &
txtnamaobat.Text & _
    "','" & txtharga.Text & "','" & txtjumlah.Text & "','" &
Format(dtptanggalmasuk.Value, "yyyy-MM-dd") & _
    "','" & txtkodesupplier.Text & "')")
    MsgBox("Data berhasil di Simpan...", MsgBoxStyle.Information, "Simpan
Data")
End Sub

Sub tampil()
    kon.Open()
    perintah.Connection = kon
    perintah.CommandType = CommandType.Text
    perintah.CommandText = "select * from dataobat "
```

```

        tampildata.SelectCommand = perintah

        datatabel.Tables().Clear()
        tampildata.Fill(datatabel, "dataobat")
        DataGridView1.DataSource = datatabel.Tables("dataobat")
        DataGridView1.Refresh()
        kon.Close()
End Sub

Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    Call tampil()
End Sub

Private Sub txtkodeobat_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles txtkodeobat.TextChanged
    Dim pesan As String
    If txtkodeobat.MaxLength < 5 Then
        Exit Sub
    End If
    kon.Close()
    kon.Open()
    perintah.Connection = kon
    perintah.CommandType = CommandType.Text
    perintah.CommandText = "select * from dataobat where kodeobat = '" &
        txtkodeobat.Text & "'"
    cek = perintah.ExecuteReader
    cek.Read()
    If cek.HasRows Then
        pesan = MsgBox("Data Sudah ada...,Mau DiKoreksi",
            MsgBoxStyle.OkCancel, "Koreksi")
        If pesan = vbOK Then
            txtnamaobat.Text = cek.Item("namaobat")
            txtharga.Text = cek.Item("harga")
            txtjumlah.Text = cek.Item("jumlah")
            dtptanggalmasuk.Value = cek.Item("tglmasuk")
            txtkodesupplier.Text = cek.Item("kodesupplier")
        Else
            kosong()
        End If
    Else
        Exit Sub
    End If
    kon.Close()
End Sub

Private Sub txtkodesupplier_TextChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles txtkodesupplier.TextChanged
    kon.Close()
    kon.Open()
    perintah.Connection = kon
    perintah.CommandType = CommandType.Text
    perintah.CommandText = "select * from supplier where kodesupplier =
    '" & txtkodesupplier.Text & "'"
    cek = perintah.ExecuteReader
    cek.Read()
    If cek.HasRows Then
        txtnamasupplier.Text = cek.Item("nama")
        txtalamat.Text = cek.Item("alamat")
    Else
        txtkodesupplier.Clear()
    End If
    kon.Close()
End Sub

```

```

Private Sub btbatal_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btbatal.Click
    Call kosong()
End Sub

Private Sub btkoreksi_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btkoreksi.Click
    proses("update dataobat set namaobat = '" & txtnamaobat.Text & _
        "',harga = '" & txtharga.Text & "',jumlah = '" & txtjumlah.Text & _
        "', tglmasuk = '" & Format(dtptanggalmasuk.Value, "yyyy-MM-dd") & "',
        kodesupplier = '" & txtkodesupplier.Text & "' where kodeobat = '" &
        txtkodeobat.Text & "'")
    MsgBox("Data berhasil di Koreksi...", MsgBoxStyle.Information,
        "Koreski Data")
End Sub

Private Sub bthapus_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles bthapus.Click
    Dim i As Integer
    Dim kodeobat As String
    Dim pesan As String
    i = DataGridView1.CurrentRow.Index
    kodeobat = DataGridView1.Rows.Item(i).Cells(0).Value

    pesan = MsgBox("Yakin Kode Obat : '" & kodeobat & "' di Hapus...?",
        MsgBoxStyle.OkCancel, "Hapus Data")
    If pesan = vbOK Then
        proses("delete from dataobat where kodeobat = '" & kodeobat &
            "'")
    Else
        Exit Sub
    End If
End Sub

End Sub

End Class

```

#### **Script Code F Datasupplier :**

```

Public Class F_datasupplier

Sub tampil(ByVal sql As String)
    kon.Close()
    kon.Open()
    perintah.Connection = kon
    perintah.CommandType = CommandType.Text
    perintah.CommandText = sql
    tampildata.SelectCommand = perintah

    datatabel.Tables().Clear()
    tampildata.Fill(datatabel, "supplier")
    DataGridView1.DataSource = datatabel.Tables("supplier")
    DataGridView1.Refresh()
    kon.Close()
End Sub

Private Sub F_datasupplier_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    Call tampil("select * from supplier")
End Sub

Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ComboBox1.SelectedIndexChanged
    TextBox1.Focus()
End Sub

```

```

Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox1.TextChanged
    Select Case ComboBox1.SelectedIndex
    Case 0
        tampil("select * from supplier where kodesupplier like '%" &
        TextBox1.Text & "%'")
    Case 1
        tampil("select * from supplier where nama like '%" & TextBox1.Text &
        "%'")
    End Select
End Sub

Private Sub DataGridView1_CellClick(ByVal sender As Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView1.CellClick
    Dim i As Integer
    i = DataGridView1.CurrentRow.Index
    Form1.txtkodesupplier.Text = DataGridView1.Rows.Item(i).Cells(0).Value
    Form1.txtnamasupplier.Text = DataGridView1.Rows.Item(i).Cells(1).Value
    Form1.txtalamat.Text = DataGridView1.Rows.Item(i).Cells(2).Value

    Me.Close()
End Sub

End Class

```