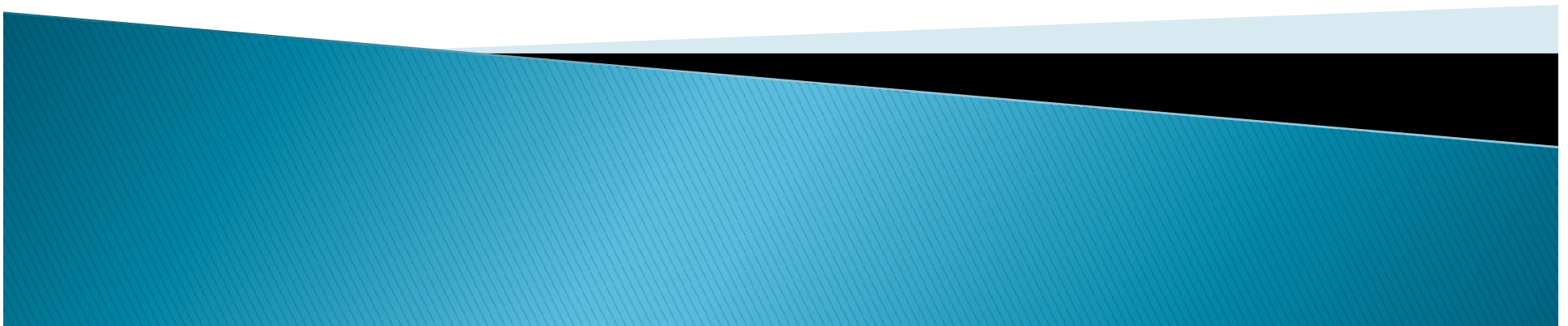


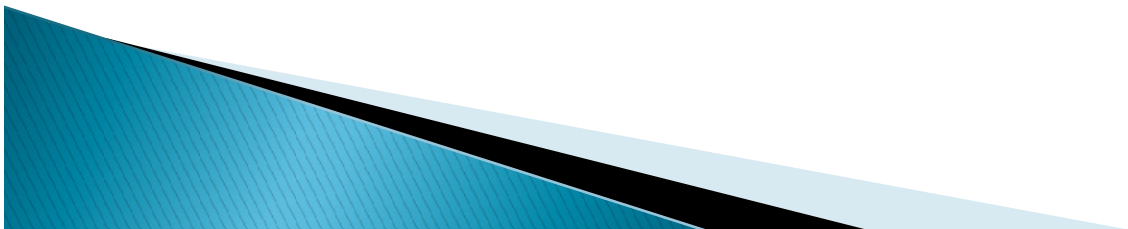
PERTEMUAN 23 DAN 24

KEYPRESS DAN SELECTEDINDEXCHANGED



TEXTBOX_KEYPRESS

- ▶ Dalam VB.NET, Anda dapat menggunakan event KeyPress untuk menangani kejadian ketika pengguna menekan tombol pada keyboard saat fokus berada pada TextBox.
- ▶ Event KeyPress sangat berguna untuk berbagai keperluan, seperti validasi input secara real-time atau melakukan tindakan tertentu ketika tombol tertentu ditekan.



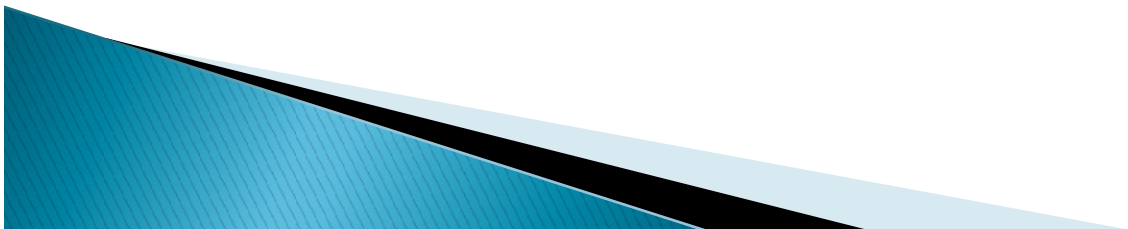
TEXTBOX_KEYPRESS

- ▶ Contoh Menggunakan KeyPress di VB.NET
- ▶ Membuat Project Windows Forms
- ▶ Buat project Windows Forms di Visual Studio.
- ▶ Menambahkan TextBox
- ▶ Tambahkan sebuah TextBox ke form Anda. Misalnya, beri nama TextBox1.
- ▶ Menambahkan Event Handler untuk KeyPress
- ▶ Tambahkan event handler untuk event KeyPress dari TextBox1.
- ▶ Berikut adalah contoh kode lengkap untuk form tersebut:



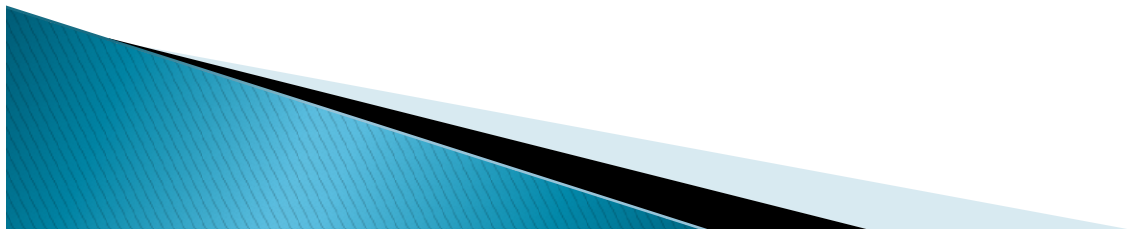
TEXTBOX_KEYPRESS

- ▶ Contoh Menggunakan KeyPress di VB.NET
- ▶ Membuat Project Windows Forms
- ▶ Buat project Windows Forms di Visual Studio.
- ▶ Menambahkan TextBox
- ▶ Tambahkan sebuah TextBox ke form Anda. Misalnya, beri nama TextBox1.
- ▶ Menambahkan Event Handler untuk KeyPress
- ▶ Tambahkan event handler untuk event KeyPress dari TextBox1.
- ▶ Berikut adalah contoh kode lengkap untuk form tersebut:



TEXTBOX_KEYPRESS

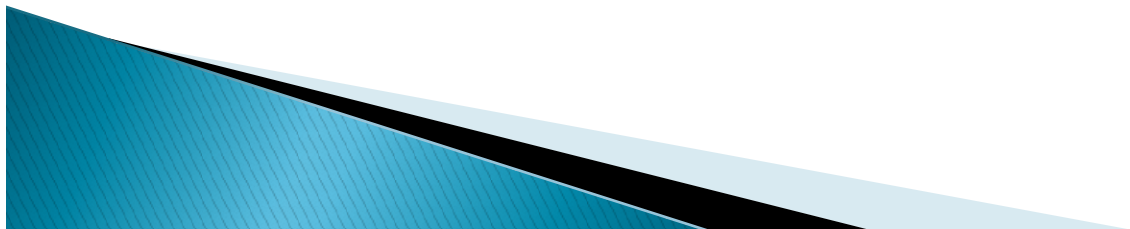
```
Private Sub TextBox1_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs)
    ' Memeriksa apakah tombol yang ditekan adalah tombol Enter
    If e.KeyChar = ChrW(Keys.Enter) Then
        ' Membatalkan karakter Enter agar tidak menambah baris baru di TextBox
        e.Handled = True
        If TextBox1.Text = "A01" Then
            TextBox2.Text = "BUKU SEKOLAH"
            TextBox4.Text = "A1"
        ElseIf TextBox1.Text = "A02" Then
            TextBox2.Text = "BUKU GAMBAR"
            TextBox4.Text = "B1"
        ElseIf TextBox1.Text = "A03" Then
            TextBox2.Text = "BUKU BIOGRAFI"
            TextBox4.Text = "C1"
        End If
    End If
End Sub
```



TEXTBOX_KEYPRESS

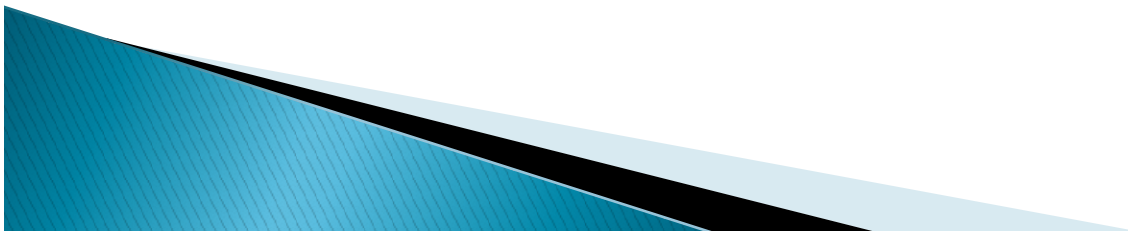
```
    ElseIf TextBox1.Text = "A04" Then
        TextBox2.Text = "BUKU AGRIBISNIS"
        TextBox4.Text = "D1"
    ElseIf TextBox1.Text = "A05" Then
        TextBox2.Text = "BUKU NOVEL"
        TextBox4.Text = "E1"
    Else
        TextBox2.Text = "BUKU BELUM DI CATAT"
        TextBox4.Text = "LOKASI RAK TIDAK ADA"
    End If
    TextBox3.Focus ()
End If

End Sub
```



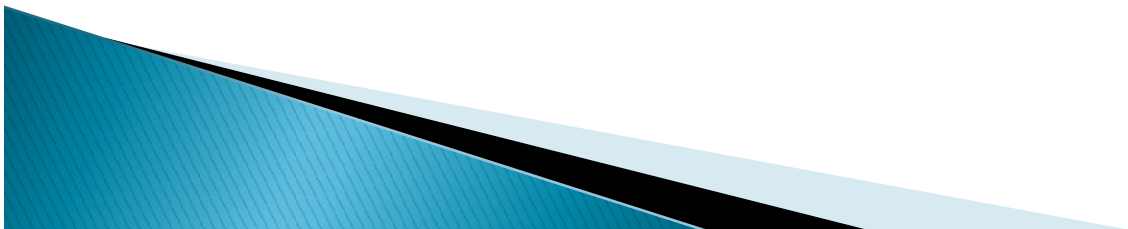
COMBOBOX_ SELECTEDINDEXCHANGED

- ▶ Dalam VB.NET, event SelectedIndexChanged digunakan untuk menangani perubahan seleksi item dalam sebuah ComboBox.
- ▶ Event ini sangat berguna untuk mengeksekusi kode setiap kali pengguna memilih item yang berbeda dalam ComboBox.



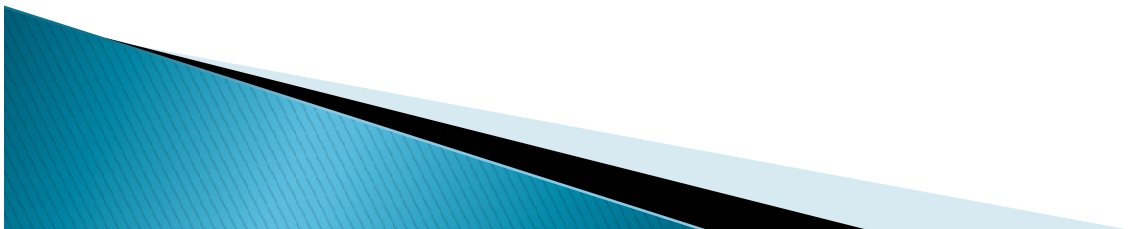
COMBOBOX_ SELECTEDINDEXCHANGED

- ▶ **Contoh Menggunakan KeyPress di VB.NET SelectedIndexChanged pada ComboBox di VB.NET:**
- ▶ **Membuat Project Windows Forms**
 - Buat project Windows Forms di Visual Studio.
- ▶ **Menambahkan ComboBox**
 - Tambahkan sebuah ComboBox ke form Anda dan beri nama misalnya ComboBox1.
- ▶ **Mengisi ComboBox dengan Item**
 - Isi ComboBox dengan beberapa item. Anda bisa melakukannya melalui properti Items di desainer atau melalui kode.
- ▶ **Menambahkan Event Handler untuk SelectedIndexChanged**
 - Tambahkan event handler untuk event SelectedIndexChanged dari ComboBox1.



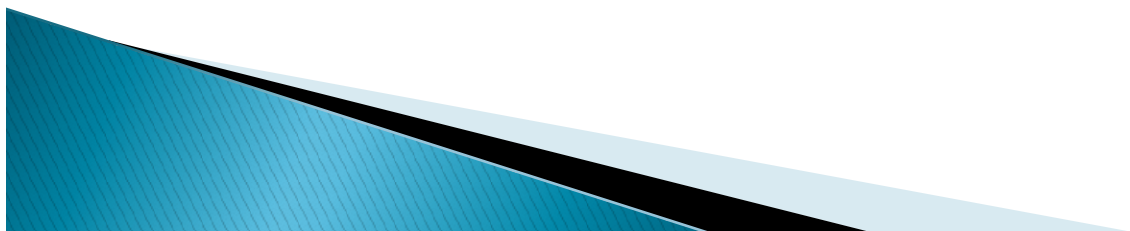
COMBOBOX_ SELECTEDINDEXCHANGED

```
Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Dim selectedItem As String = ComboBox1.SelectedItem.ToString()
    If selectedItem = "A01" Then
        TextBox2.Text = "BUKU SEKOLAH"
        TextBox4.Text = "A1"
    ElseIf selectedItem = "A02" Then
        TextBox2.Text = "BUKU GAMBAR"
        TextBox4.Text = "B1"
    ElseIf selectedItem = "A03" Then
        TextBox2.Text = "BUKU BIOGRAFI"
        TextBox4.Text = "C1"
    End If
End Sub
```



COMBOBOX_ SELECTEDINDEXCHANGED

```
ElseIf selectedItem = "A04" Then
    TextBox2.Text = "BUKU AGRIBISNIS"
    TextBox4.Text = "D1"
ElseIf selectedItem = "A05" Then
    TextBox2.Text = "BUKU NOVEL"
    TextBox4.Text = "E1"
Else
    TextBox2.Text = "BUKU BELUM DI CATAT"
    TextBox4.Text = "LOKASI RAK TIDAK ADA"
End If
End Sub
```



KERJAKAN SOAL INI

SIMPAN DATA PADA DRIVE D ATAU SIMPAN KE DALAM FLASDISK
UNTUK DIGUNAKAN KEMBALI MINGGU DEPAN



The image shows a screenshot of a Windows application window titled "DATA BUKU". The window has a yellow-green background and contains the following elements:

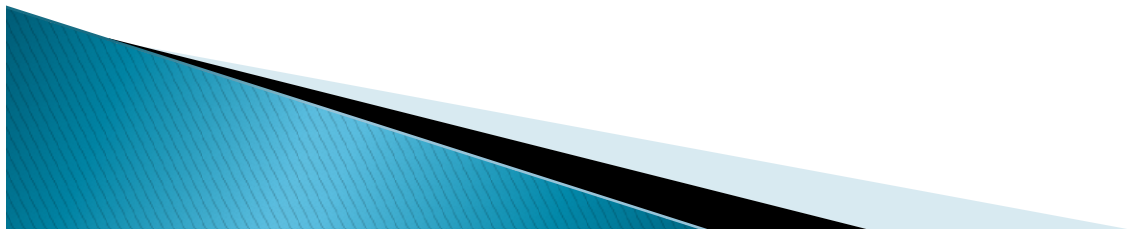
- Window title bar: "DATA BUKU" with standard minimize, maximize, and close buttons.
- Header text: "DATA BUKU TOKO 'GRAMEDE'" and "08012806060007 ARI PURNOMO".
- Form fields:
 - "KODE BUKU": A text input field with a dropdown arrow below it.
 - "JENIS BUKU": A text input field.
 - "JUDUL BUKU": A text input field.
 - "LOKASI RAK": A text input field.
 - "HARGA BUKU": A text input field.
 - "KLASIFIKASI BUKU": A text input field.
- Buttons: "CLEAR" and "KELUAR" buttons at the bottom.

CODING

```
Public Class Form1

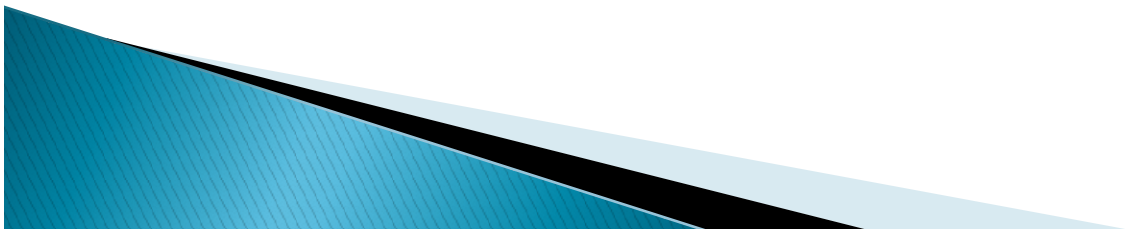
    Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)
        If TextBox1.Text = "A01" Then
            TextBox2.Text = "BUKU SEKOLAH"
            TextBox4.Text = "A1"
        ElseIf TextBox1.Text = "A02" Then
            TextBox2.Text = "BUKU GAMBAR"
            TextBox4.Text = "B1"
        ElseIf TextBox1.Text = "A03" Then
            TextBox2.Text = "BUKU BIOGRAFI"
            TextBox4.Text = "C1"
        ElseIf TextBox1.Text = "A04" Then
            TextBox2.Text = "BUKU AGRIBISNIS"
            TextBox4.Text = "D1"
        ElseIf TextBox1.Text = "A05" Then
            TextBox2.Text = "BUKU NOVEL"
            TextBox4.Text = "E1"
        Else
            TextBox2.Text = "BUKU BELUM DI CATAT"
            TextBox4.Text = "LOKASI RAK TIDAK ADA"
        End If
    End Sub

End Class
```



CODING

```
Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    ComboBox1.Items.Clear()
    ComboBox1.Items.Add("A01")
    ComboBox1.Items.Add("A02")
    ComboBox1.Items.Add("A03")
    ComboBox1.Items.Add("A04")
    ComboBox1.Items.Add("A05")
End Sub
```

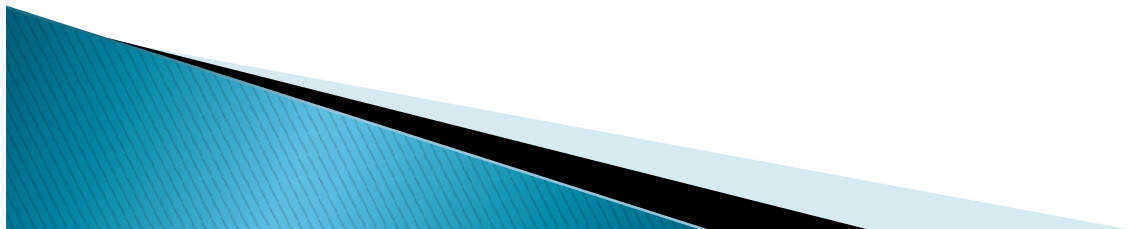


CODING

```
Private Sub TextBox1_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs)
    ' Memeriksa apakah tombol yang ditekan adalah tombol Enter
    If e.KeyChar = ChrW(Keys.Enter) Then
        ' Membatalkan karakter Enter agar tidak menambah baris baru di TextBox
        e.Handled = True
        If TextBox1.Text = "A01" Then
            TextBox2.Text = "BUKU SEKOLAH"
            TextBox4.Text = "A1"
        ElseIf TextBox1.Text = "A02" Then
            TextBox2.Text = "BUKU GAMBAR"
            TextBox4.Text = "B1"
        ElseIf TextBox1.Text = "A03" Then
            TextBox2.Text = "BUKU BIOGRAFI"
            TextBox4.Text = "C1"
        ElseIf TextBox1.Text = "A04" Then
            TextBox2.Text = "BUKU AGRIBISNIS"
            TextBox4.Text = "D1"
        ElseIf TextBox1.Text = "A05" Then
            TextBox2.Text = "BUKU NOVEL"
            TextBox4.Text = "E1"
        Else
            TextBox2.Text = "BUKU BELUM DI CATAT"
            TextBox4.Text = "LOKASI RAK TIDAK ADA"
        End If
        TextBox3.Focus()
    End If
End Sub
```

CODING

```
Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Dim selectedItem As String = ComboBox1.SelectedItem.ToString()
    If selectedItem = "A01" Then
        TextBox2.Text = "BUKU SEKOLAH"
        TextBox4.Text = "A1"
    ElseIf selectedItem = "A02" Then
        TextBox2.Text = "BUKU GAMBAR"
        TextBox4.Text = "B1"
    ElseIf selectedItem = "A03" Then
        TextBox2.Text = "BUKU BIOGRAFI"
        TextBox4.Text = "C1"
    ElseIf selectedItem = "A04" Then
        TextBox2.Text = "BUKU AGRIBISNIS"
        TextBox4.Text = "D1"
    ElseIf selectedItem = "A05" Then
        TextBox2.Text = "BUKU NOVEL"
        TextBox4.Text = "E1"
    Else
        TextBox2.Text = "BUKU BELUM DI CATAT"
        TextBox4.Text = "LOKASI RAK TIDAK ADA"
    End If
End Sub
```



CODING

```
Private Sub TextBox5_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox5.TextChanged
    If TextBox5.Text <= Val(40000) Then
        TextBox6.Text = "STANDAR DISKON"
    ElseIf TextBox5.Text <= Val(50000) Then
        TextBox6.Text = "MASS MARKET"
    ElseIf TextBox5.Text <= Val(80000) Then
        TextBox6.Text = "PREMIUM"
    Else
        TextBox6.Text = "BEST SELLER"
    End If
End Sub
```

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
    TextBox1.Text = ""
    TextBox2.Text = ""
    TextBox3.Text = ""
    TextBox4.Text = ""
    TextBox5.Text = ""
    TextBox6.Text = ""
End Sub
```

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
    Me.Close()
End Sub
```

