Visual Basic Application By Ira Prasetyaningrum, S.Si, M.T

Pendahuluan

- Bahasa Basic pada dasarnya adalah bahasa yang mudah dimengerti sehingga pemrograman di dalam bahasa Basic dapat dengan mudah dilakukan meskipun oleh orang yang baru belajar membuat program.
- Hal ini lebih mudah lagi setelah hadirnya Microsoft Visual Basic, yang dibangun dari ide untuk membuat bahasa yang sederhana dan mudah dalam pembuatan scriptnya (*simple scripting language*) untuk graphic user interface yang dikembangkan dalam sistem operasi Microsoft Windows.

The Visual Basic Editor in Excel (VBE)

- The VBE is integrated into Excel
- Excel -> menu bar "Tools/Macro/Visual Basic Editor" .
- OR Open Excel and on your keyboard click on the "ALT" key (left of the space bar), hold and click on the "F11" key (the F11 key is at the top of your keyboard).
- Click again ("ALT" key (left of the space bar), hold and click on the "F11" key) and you are back to Excel.

The Excel Visual Basic Editor

When you work with the VBE there always should be 3 windows that are showing. The <u>Project</u> <u>window</u> (1), the <u>Code window</u> (2) and the <u>Properties</u> window (3) like below



The Excel Visual Basic Editor

Project Explorer

- Menampilkan daftar form , module , sheet yang ada dalam project yang sedang aktif.
- Property Window
- Digunakan untuk mengatur properti dari komponen-komponen yang sedang diaktifkan. Property merupakan karakteristik dari sebuah objek.

The Excel Visual Basic Editor

- Code Window
- Merupakan jendela yang digunakan untuk menuliskan kode program.

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| Width | Mengatur ukuran lebar obyek |
| Height | Mengatur ukuran tinggi obyek |
| Font | Mengatur jenis dan besar font di obyek |
| StartUpPosition | Posisi dimonitor pada saat program dijalankan atau form ditampilkan |
| WindowsState | Ukuran form pada program dijalankan atau saat Form ditampilkan. |
| lcon | Memilih ikon dari form |
| DisablePicture | Memilih picture yang akan ditampilkan sebagai ikon. |



Menampilkan form

Private Sub Command1_Click() UserForm1.Show End Sub

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- Menutup form Private Sub CommandButton2_Click() UserForm1.Hide End Sub
- Menutup program Private Sub Command1_Click() End End Sub

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MENULIS DARI FORM KE SHEET

- Cells(2, 1) = TextBox1.Text
- Cells(2, 2) = TextBox2.Text
- Cells(2, 3) = TextBox3.Text

MENULIS DARI FORM KE SHEET

- Cells(CInt(TextBox4.Text), 1) = TextBox1.Text
- Cells(CInt(TextBox4.Text), 2) = TextBox2.Text
- Cells(CInt(TextBox4.Text), 3) = TextBox3.Text

MENGKOSONGKAN NILAI PADA TEXT:

TextBox1.Text = " "



TUGAS

- BUAT program mengunakan FORM untuk DATA MAHASISWA DIKELAS YANG TERDIRI DARI
 - NAMA
 - ALAMAT RUMAH
 - NO TLP
 - TMPAT TGL LAHIR
 - ALAMAT EMAIL