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## Posttest 3

### Source code

#### Form1.vb

```
Public Class Form1

    Private Sub txtNama_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtNama.KeyPress
        Dim keyascii As Short = Asc(e.KeyChar)
        If (e.KeyChar Like "[a-z, A-Z]" _
        OrElse keyascii = Keys.Back _
        OrElse keyascii = Keys.Space _
        OrElse keyascii = Keys.Return _
        OrElse keyascii = Keys.Delete) Then
            keyascii = 0
        Else
            e.Handled = CBool(keyascii)
        End If
    End Sub

    Private Sub txtUmur_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtUmur.KeyPress
        Dim keyascii As Short = Asc(e.KeyChar)
        If (e.KeyChar Like "[0-9]" OrElse keyascii = Keys.Back) Then
            keyascii = 0
        Else
            e.Handled = CBool(keyascii)
        End If
    End Sub

    Private Sub txtNotelf_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtNotelf.KeyPress
        Dim keyascii As Short = Asc(e.KeyChar)
        If (e.KeyChar Like "[0-9]" OrElse keyascii = Keys.Back) Then
            keyascii = 0
        Else
            e.Handled = CBool(keyascii)
        End If
    End Sub

    Private Sub btnCetak_Click(sender As Object, e As EventArgs) Handles btnCetak.Click
        If String.IsNullOrEmpty(txtNama.Text) OrElse
        String.IsNullOrEmpty(txtUmur.Text) OrElse
        String.IsNullOrEmpty(txtAlamat.Text) OrElse
        String.IsNullOrEmpty(txtNoTelf.Text) OrElse
        String.IsNullOrEmpty(cboxProdi.Text) OrElse
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String.IsNullOrEmpty(cboxAngkatan.Text) OrElse dateTTL.Value = Nothing OrElse
(Not rbCowo.Checked AndAlso Not rbCewe.Checked) Then
    MessageBox.Show("Silakan isi semua kolom yang diperlukan.", "Error",
    MessageBoxButtons.OK, MessageBoxIcon.Error)
    Return
End If

Dim hobi As String = ""
For Each control As Control In gboxHobi.Controls
    If TypeOf control Is CheckBox AndAlso DirectCast(control,
CheckBox).Checked Then
        hobi &= control.Text & vbCrLf
    End If
Next

Dim gambar As Image = PictureBox1.Image
Dim Form2 As New Form2(txtNama.Text, Convert.ToInt32(txtUmur.Text),
dateTTL.Value, cboxProdi.Text, cboxAngkatan.Text, txtNoTelf.Text, txtAlamat.Text,
If(rbCowo.Checked, rbCowo.Text, rbCewe.Text), hobi, gambar)
form2.Show()
End Sub

Private Sub btnBrowse_Click(sender As Object, e As EventArgs) Handles
btnBrowse.Click
    Dim openFileDialog As New OpenFileDialog()
    openFileDialog.Filter = "Gambar Files|.jpg;*.jpeg;*.png;*.gif;*.bmp|Semua
Files|*.*"
    openFileDialog.Title = "Pilih Gambar"
    If openFileDialog.ShowDialog() = DialogResult.OK Then
        PictureBox1.Image = Image.FromFile(openFileDialog.FileName)
    End If
End Sub

Private Sub PictureBox1_Click(sender As Object, e As EventArgs) Handles
PictureBox1.Click

End Sub
End Class

```

## Form2.vb

```

Public Class Form2
    Private _nama As String
    Private _umur As Integer
    Private _tglLahir As Date
    Private _prodi As String
    Private _angkatan As String
    Private _noTelf As String
    Private _alamat As String
    Private _gender As String
    Private _hobi As String

    Public Sub New(nama As String, umur As Integer, tglLahir As Date, prodi As String,
angkatan As String, noTelf As String, alamat As String, gender As String, hobi As
String, gambar As Image)
        InitializeComponent()

        _nama = nama
        _umur = umur

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        _tglLahir = tglLahir
        _prodi = prodi
        _angkatan = angkatan
        _noTelf = noTelf
        _alamat = alamat
        _gender = gender
        _hobi = hobi

        txtNama.Text = _nama
        txtUmur.Text = _umur.ToString()
        txtTglLahir.Text = _tglLahir.ToShortDateString()
        txtProdi.Text = _prodi
        txtAngkatan.Text = _angkatan
        txtNoTelf.Text = _noTelf
        txtAlamat.Text = _alamat
        txtGender.Text = _gender
        txtHobi.Text = _hobi
        PictureBox1.Image = gambar
    End Sub

    Private Sub txtNama_TextChanged(sender As Object, e As EventArgs) Handles
txtNama.TextChanged

        End Sub
End Class

```

<https://youtu.be/YLc5QECz7ZM>