

## POSTEST 5

GIBRAN AMBA LEMBANG

2309106139

PEMVIS

Link Record

[https://drive.google.com/file/d/1gF-lTVfzHpZ0M\\_xcORuvjSkVdVD8RWQG/view?usp=drive\\_link](https://drive.google.com/file/d/1gF-lTVfzHpZ0M_xcORuvjSkVdVD8RWQG/view?usp=drive_link)

Source Code

Public Class Form1

Private Structure ItemPembelian

Public NamaBarang As String

Public Harga As Decimal

Public Jumlah As Integer

Public Potongan As Decimal

Public TotalHarga As Decimal

End Structure

Private daftarPembelian As New List(Of ItemPembelian)

Private Sub Form1\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

' Tambahkan pilihan jenis barang saat form dimuat

cbJenisBarang.Items.Add("Vas Kuno")

```
cbJenisBarang.Items.Add("Lukisan Antik")
cbJenisBarang.Items.Add("Perhiasan Lama")
' Tambahkan jenis barang lain sesuai kebutuhan Anda
End Sub
```

```
Private Sub ComboBoxJenisBarang_SelectedIndexChanged(sender As
Object, e As EventArgs) Handles cbJenisBarang.SelectedIndexChanged
' Anda dapat menambahkan logika di sini jika pemilihan jenis barang
' mempengaruhi daftar nama barang atau harga.
' Contoh sederhana:
If cbJenisBarang.SelectedItem IsNot Nothing AndAlso
cbJenisBarang.SelectedItem.ToString() = "Vas Kuno" Then
' txtNamaBarang.Text = "" ' Bisa diisi default jika ada daftar nama
khusus
numHarga.Value = 0
ElseIf cbJenisBarang.SelectedItem IsNot Nothing AndAlso
cbJenisBarang.SelectedItem.ToString() = "Lukisan Antik" Then
numHarga.Value = 0
ElseIf cbJenisBarang.SelectedItem IsNot Nothing AndAlso
cbJenisBarang.SelectedItem.ToString() = "Perhiasan Lama" Then
numHarga.Value = 0
End If
End Sub
```

```
Private Sub ButtonPembelian_Click(sender As Object, e As EventArgs)
Handles btnPembelian.Click
Dim namaBarang As String = txtNamaBarang.Text.Trim()
Dim harga As Decimal = numHarga.Value
Dim jumlah As Integer = 1 ' Asumsi jumlah selalu 1 untuk barang antik
unik
```

```
Dim potongan As Decimal = 0
```

```
If rb5.Checked Then
```

```
    potongan = 0.05
```

```
ElseIf rb10.Checked Then
```

```
    potongan = 0.1
```

```
End If
```

```
Dim totalHargaItem As Decimal = harga * (1 - potongan)
```

```
Dim newItem As New ItemPembelian With {
```

```
    .NamaBarang = namaBarang,
```

```
    .Harga = harga,
```

```
    .Jumlah = jumlah,
```

```
    .Potongan = potongan,
```

```
    .TotalHarga = totalHargaItem
```

```
}
```

```
daftarPembelian.Add(newItem)
```

```
UpdateDataGridView()
```

```
ClearInputFields()
```

```
End Sub
```

```
Private Sub UpdateDataGridView()
```

```
    dgvDataPembelian.DataSource = Nothing
```

```
    dgvDataPembelian.DataSource = daftarPembelian
```

```
End Sub
```

```
Private Sub ClearInputFields()
```

```
    cbJenisBarang.SelectedIndex = -1
```

```
txtNamaBarang.Clear()  
numHarga.Value = 0  
rb0.Checked = True  
txtTotalHarga.Clear()  
txtBayar.Clear()  
txtKembalian.Clear()
```

End Sub

```
Private Sub ButtonKembalian_Click(sender As Object, e As EventArgs)
```

Handles btnKembalian.Click

```
Dim totalPembelian As Decimal = 0  
For Each item As ItemPembelian In daftarPembelian  
    totalPembelian += item.TotalHarga  
Next
```

```
Dim bayar As Decimal
```

```
If Decimal.TryParse(txtBayar.Text, bayar) Then
```

```
    Dim kembalian As Decimal = bayar - totalPembelian  
    txtKembalian.Text = kembalian.ToString("N0")
```

```
Else
```

```
    MessageBox.Show("Masukkan jumlah pembayaran yang valid.",  
"Error", MessageBoxButtons.OK, MessageBoxIcon.Error)
```

```
End If
```

End Sub

```
Private Sub ButtonRefresh_Click(sender As Object, e As EventArgs)
```

Handles btnRefresh.Click

```
daftarPembelian.Clear()  
UpdateDataGridView()  
ClearInputFields()
```

End Sub

```
Private Sub ButtonKeluar_Click(sender As Object, e As EventArgs)
Handles btnKeluar.Click
    Me.Close()
End Sub
```

```
Private Sub NumericUpDownHarga_ValueChanged(sender As Object, e
As EventArgs) Handles numHarga.ValueChanged
    ' Hitung total harga secara otomatis setiap kali harga berubah
    Dim harga As Decimal = numHarga.Value
    Dim potongan As Decimal = 0

    If rb5.Checked Then
        potongan = 0.05
    ElseIf rb10.Checked Then
        potongan = 0.1
    End If

    txtTotalHarga.Text = (harga * (1 - potongan)).ToString("N0")
End Sub
```

```
Private Sub RadioButtonPotongan_CheckedChanged(sender As Object, e
As EventArgs) Handles rb0.CheckedChanged, rb5.CheckedChanged,
rb10.CheckedChanged
    ' Hitung ulang total harga saat pilihan potongan berubah
    Dim harga As Decimal = numHarga.Value
    Dim potongan As Decimal = 0

    If rb5.Checked Then
```

```
        potongan = 0.05
    ElseIf rb10.Checked Then
        potongan = 0.1
    End If

    txtTotalHarga.Text = (harga * (1 - potongan)).ToString("N0")
End Sub
End Class
```

**\*Maaf Bang/Mba Proyeknya Banyak Yang Ngak Bisa Berjalan Seusai  
Kemauan Soalnya Saya Mampu Ngerjainnya Segitu Aja\***