

LAPORAN PRAKTIKUM

PEMROGRAMAN VISUAL

2023



Prepared By:

Sahdania Fitri | 200511021 | TI20D

TUGAS 6 MENGGUNAKAN VB NET 2015

1. Aplikasi Untuk Menentukan Biaya Registrasi untuk Beberapa Prodi di mana Setiap Prodi Memiliki Biaya yang Berbeda Menggunakan Combobox

a. Source Code

```
Imports System.Globalization 'Fungsi mengimport format currency'

Public Class Form1
    Private Sub Form1_Load(sender As Object, e As EventArgs)
        Handles MyBase.Load
            cmbProdi.Items.Clear() 'Fungsi untuk menghapus item yang
            ada di dalam combobox ketika form dijalankan'
            cmbProdi.Items.Add("Teknik Informatika") 'Fungsi untuk
            menambah item di dalam combobox'
            cmbProdi.Items.Add("Teknik Industri")
            cmbProdi.Items.Add("Akuntansi")
        End Sub

    Private Sub cmbProdi_SelectedIndexChanged(sender As Object, e
        As EventArgs) Handles cmbProdi.SelectedIndexChanged
        If cmbProdi.Text = "Teknik Informatika" Then 'Jika prodi
        dipilih Teknik Informatika'
            txtJenjang.Text = "S1 dan D3"
            txtBiaya.Text = "400000"
            txtBayar.Clear() 'Fungsi untuk menghapus isi kolom
            Bayar'
            txtKembalian.Clear()
        ElseIf cmbProdi.Text = "Teknik Industri" Then 'Jika prodi
        dipilih Teknik Informatika'
            txtJenjang.Text = "S1 dan D3"
            txtBiaya.Text = "450000"
            txtBayar.Clear() 'Fungsi untuk menghapus isi kolom
            Bayar'
            txtKembalian.Clear()
        ElseIf cmbProdi.Text = "Akuntansi" Then 'Jika prodi
        dipilih Teknik Informatika'
            txtJenjang.Text = "S1"
            txtBiaya.Text = "500000"
            txtBayar.Clear() 'Fungsi untuk menghapus isi kolom
            Bayar'
            txtKembalian.Clear()
        End If
    End Sub

    Private Sub btnSubmit_Click(sender As Object, e As EventArgs)
        Handles btnSubmit.Click
        Dim Kembalian As Integer
        Kembalian = Val(txtBayar.Text) - Val(txtBiaya.Text)
        'Fungsi Perhitungan Kembalian'
        txtKembalian.Text = Kembalian.ToString("C",
        CultureInfo.CreateSpecificCulture("id-ID")) 'Fungsi menampilkan
        kembalian dalam format Rupiah atau Rp'
```

End Sub
End Class

b. Screenshot Hasil Run Program

The screenshot shows a window titled 'Registrasi' with a red background. The title bar includes a standard Windows icon and window controls. The main content area is titled 'Aplikasi Penentuan Biaya Registrasi'. It contains the following fields and values:

Field	Value
Program Studi	Teknik Informatika
Jenjang	S1 dan D3
Biaya	400000
Bayar	500000
Kembalian	Rp100.000,00

A 'Submit' button is located below the 'Bayar' field.

The screenshot shows a window titled 'Registrasi' with a red background. The title bar includes a standard Windows icon and window controls. The main content area is titled 'Aplikasi Penentuan Biaya Registrasi'. It contains the following fields and values:

Field	Value
Program Studi	Teknik Industri
Jenjang	S1 dan D3
Biaya	450000
Bayar	700000
Kembalian	Rp250.000,00

A 'Submit' button is located below the 'Bayar' field.

The screenshot shows a window titled 'Registrasi' with a red background. The title bar includes a standard Windows icon and window controls. The main content area is titled 'Aplikasi Penentuan Biaya Registrasi'. It contains the following fields and values:

Field	Value
Program Studi	Akuntansi
Jenjang	S1
Biaya	500000
Bayar	1000000
Kembalian	Rp500.000,00

A 'Submit' button is located below the 'Bayar' field.

2. Aplikasi untuk Menentukan Harga Tiket Masuk Tempat Wisata di mana untuk Anak-Anak dan Dewasa Memiliki Harga yang Berbeda dan untuk Menentukan Total Bayar Pembelian di mana Mereka yang Termasuk Member Akan Mendapatkan Diskon 10% Menggunakan Radio Button dan Checkbox

a. Source Code

```
Imports System.Globalization 'Funngsi mengimport Format Currency'

Public Class Form1
    Private Sub btnTotalHarga_Click(sender As Object, e As EventArgs) Handles btnTotalHarga.Click
        Dim gbTiketMasuk As Decimal
        Dim gbMember As Decimal
        Dim Total As Decimal

        If rbAnak.Checked = True Then
            gbTiketMasuk = 20000
        ElseIf rbDewasa.Checked = True Then
            gbTiketMasuk = 40000
        End If

        If cbBukanMember.Checked = True Then
            gbMember = 0
        End If

        If cbMember.Checked = True Then
            gbMember = (gbTiketMasuk * 10 / 100)
        End If

        Total = gbTiketMasuk - gbMember

        txtTotal.Text = Total.ToString("C",
CultureInfo.CreateSpecificCulture("id-ID")) 'Fungsi menampilkan
output currency dalam format Rupiah atau Rp'
    End Sub
End Class
```

b. Screenshot Hasil Run Program

The screenshot shows a Windows application window titled 'Form1'. The application is titled 'Aplikasi Pemesanan Tiket Tempat Wisata'. It displays the following information:

- Harga Tiket Masuk
- Anak-anak = Rp20.000
- Dewasa = Rp40.000

There are two sections for selection:

- Tiket Masuk:** Two radio buttons are present. 'Anak-anak' is selected (indicated by a blue dot), and 'Dewasa' is unselected.
- Member:** Two checkboxes are present. 'Bukan Member' is selected (indicated by a blue checkmark), and 'Member (Diskon 10%)' is unselected.

Below these sections is a button labeled 'Total Harga'. At the bottom of the form, the 'Total' is displayed as 'Rp20.000,00'.

Form1

Aplikasi Pemesanan Tiket Tempat Wisata

Harga Tiket Masuk
Anak-anak = Rp20.000
Dewasa = Rp40.000

Tiket Masuk

☒ Anak-anak
☐ Dewasa

Member

☐ Bukan Member
☒ Member (Diskon 10%)

Total Harga

Total Rp18.000,00

Form1

Aplikasi Pemesanan Tiket Tempat Wisata

Harga Tiket Masuk
Anak-anak = Rp20.000
Dewasa = Rp40.000

Tiket Masuk

☐ Anak-anak
☒ Dewasa

Member

☒ Bukan Member
☐ Member (Diskon 10%)

Total Harga

Total Rp40.000,00

Form1

Aplikasi Pemesanan Tiket Tempat Wisata

Harga Tiket Masuk
Anak-anak = Rp20.000
Dewasa = Rp40.000

Tiket Masuk

☐ Anak-anak
☒ Dewasa

Member

☐ Bukan Member
☒ Member (Diskon 10%)

Total Harga

Total Rp36.000,00