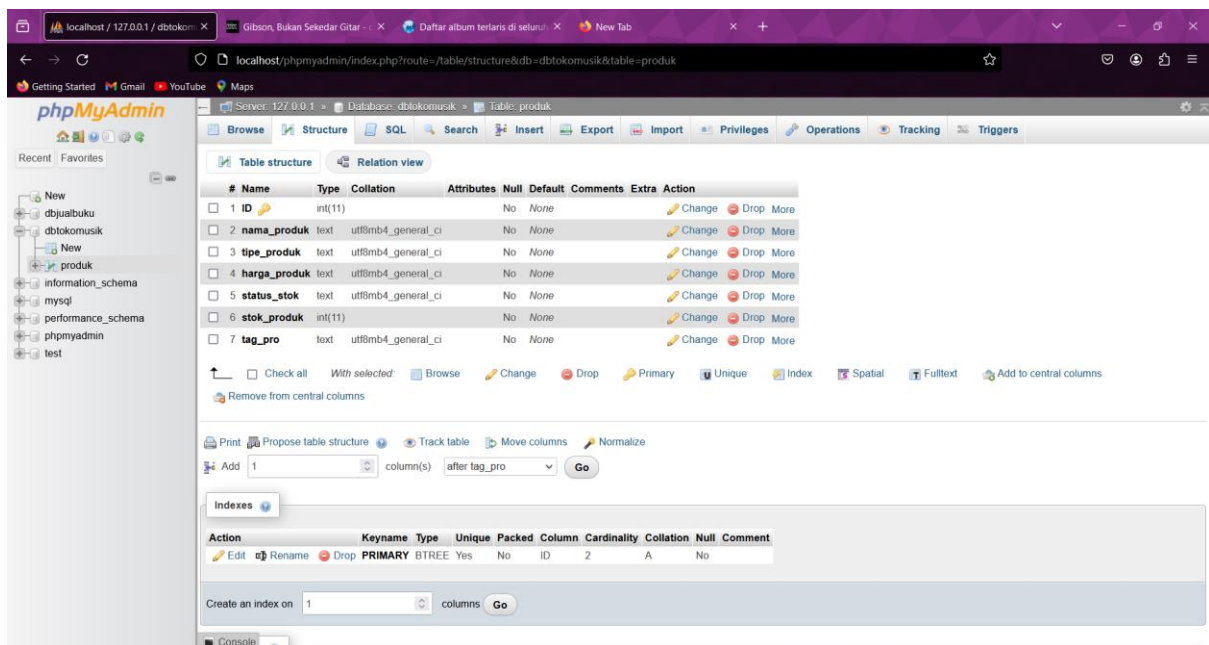Nama : Renaldi Pratama

Nim : 2209106054

Posttest 4

ScreenShot Tabel DataBase

Source code

Form1.vb

```vb
Imports MySql.Data.MySqlClient

Public Class Form1
    Sub kosong()
        TextBox1.Clear()
        TextBox2.Clear()
        TextBox3.Clear()
        TextBox4.Clear()
        TextBox1.Focus()
    End Sub

    Sub isi()
        TextBox1.Clear()
        TextBox1.Focus()
    End Sub

    Sub TampilData()
        DA = New MySqlDataAdapter("select * from produk", CONN)
        DS = New DataSet
```

```vbnet
        DS.Clear()
        DA.Fill(DS, "product")
        DataGridView1.DataSource = DS.Tables("product")
        DataGridView1.Refresh()
    End Sub

    Sub aturGrid()
        DataGridView1.Columns(0).Width = 60
        DataGridView1.Columns(1).Width = 200
        DataGridView1.Columns(0).HeaderText = "ID"
        DataGridView1.Columns(1).HeaderText = "Nama"
        DataGridView1.Columns(2).HeaderText = "Jenis"
        DataGridView1.Columns(3).HeaderText = "Harga"
        DataGridView1.Columns(4).HeaderText = "Status Stok"
        DataGridView1.Columns(5).HeaderText = "Stok"
        DataGridView1.Columns(6).HeaderText = "Tag"
    End Sub

    Private Sub Form3_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        koneksi()
        TampilData()
        kosong()
        aturGrid()
    End Sub

    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
        If TextBox1.Text = Nothing And TextBox4.Text = Nothing Then
            MsgBox("Data belum lengkap")
            TextBox1.Focus()
        Else
            Dim ID As Integer = Integer.Parse(TextBox1.Text)
            Dim Stok As Integer = Integer.Parse(TextBox4.Text)
            Dim StatusStok As String = ""
            For Each control As Control In GroupBox2.Controls
                If TypeOf control Is RadioButton AndAlso DirectCast(control,
                RadioButton).Checked Then
                    StatusStok &= control.Text & vbCrLf
                End If
            Next
            Dim tag As String = ""
            For Each control As Control In GroupBox1.Controls
                If TypeOf control Is CheckBox AndAlso DirectCast(control,
                CheckBox).Checked Then
                    tag &= control.Text & vbCrLf
                End If
            Next
            CMD = New MySqlCommand("Select * from produk where ID = '" & ID & "'",
CONN)
            RD = CMD.ExecuteReader
            RD.Read()

            If Not RD.HasRows Then
                RD.Close()
                CMD = New MySqlCommand("insert into produk values ('" & ID & "','" &
TextBox2.Text & "','" & ComboBox1.Text & "','" & TextBox3.Text & "','" & StatusStok &
"','" & Stok & "','" & tag & "')", CONN)
                CMD.ExecuteNonQuery()
                TampilData()
                kosong()
                MsgBox("Simpan Sukses")
                TextBox1.Focus()
            Else
```

```vb
            RD.Close()
            MsgBox("Data Tersebut sudah ada")
        End If
    End If
    End Sub
End Class
```

Module1.vb

```vb
Imports MySql.Data.MySqlClient
Module Module1
    Public CONN As MySqlConnection
    Public CMD As MySqlCommand
    Public RD As MySqlDataReader
    Public DA As MySqlDataAdapter
    Public DS As DataSet
    Public STR As String
    Sub koneksi()
        Try
            Dim STR As String =
            "server=localhost;userid=root;password=;database=dbtokomusik"
            'Ganti nama database sesuaikan dengan nama database kalian
            CONN = New MySqlConnection(STR)
            If CONN.State = ConnectionState.Closed Then
                CONN.Open()
            End If
        Catch ex As Exception
            MessageBox.Show(ex.Message)
        End Try
    End Sub
End Module
```

Link Youtube

https://youtu.be/KRj_iI817VE