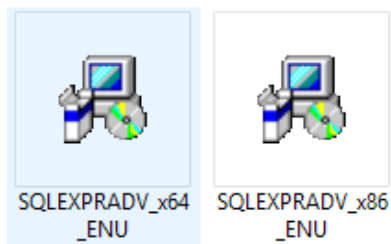
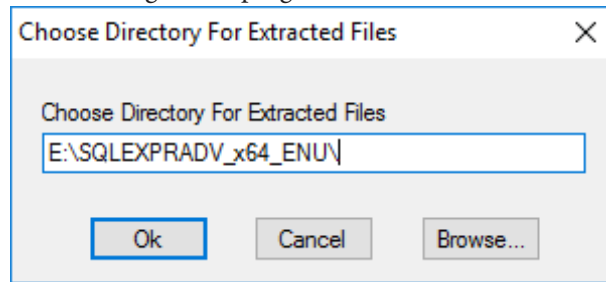


5.2. Project VB.Net Dengan Database SQL Server

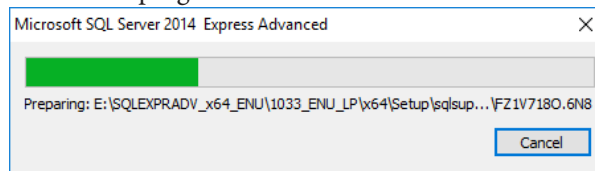
Dalam buku ini menggunakan SQL Server 2014, jika menggunakan versi yang lain dipersilakan. Pilih SQL Server yang ingin diinstall berdasarkan bit yang digunakan pada computer Anda.



Muncul tampilan untuk meng ekstrak program tersebut lalu klik Ok.



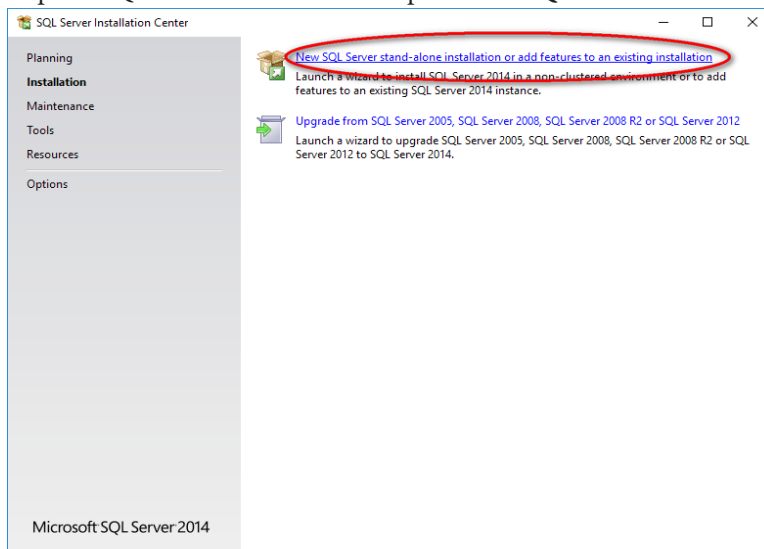
Setelah hingga selesai extrax program tersebut.



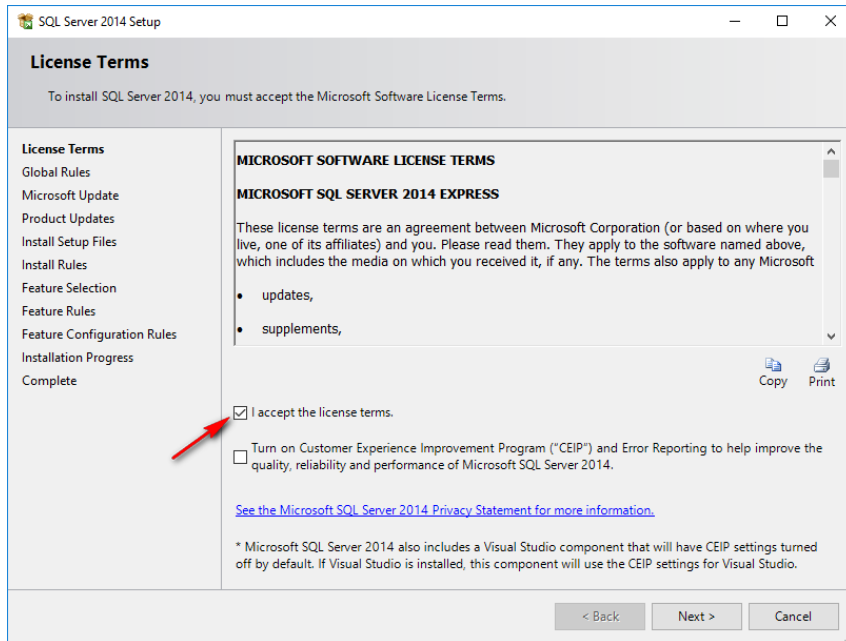
Buka folder extrax pilih **Setup** lalu klik 2X

Name	Date modified	Type	Size
1033_ENU_LP	1/30/2017 1:14 AM	File folder	
redist	1/30/2017 1:14 AM	File folder	
resources	1/30/2017 1:14 AM	File folder	
x64	1/30/2017 1:14 AM	File folder	
AUTORUN	2/6/2014 12:56 PM	Setup Information	1 KB
MEDIAINFO	2/21/2014 3:31 PM	XML Document	1 KB
PackageId.dat	1/30/2017 1:15 AM	DAT File	1 KB
SETUP	2/21/2014 5:25 AM	Application	75 KB
SETUP.EXE.CONFIG	1/17/2014 1:27 AM	CONFIG File	1 KB
SQLSETUPBOOTSTRAPPER.DLL	2/21/2014 5:20 AM	Application extens...	219 KB
SQMAPI.DLL	2/21/2014 5:20 AM	Application extens...	180 KB

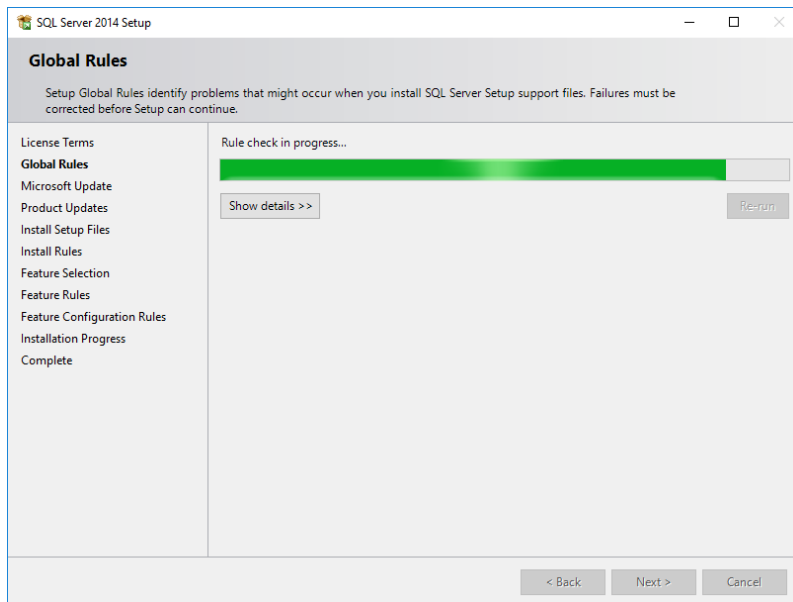
Muncul tampilan SQL Server Instalation lalu pilih **New SQL Server Stand-Alone**



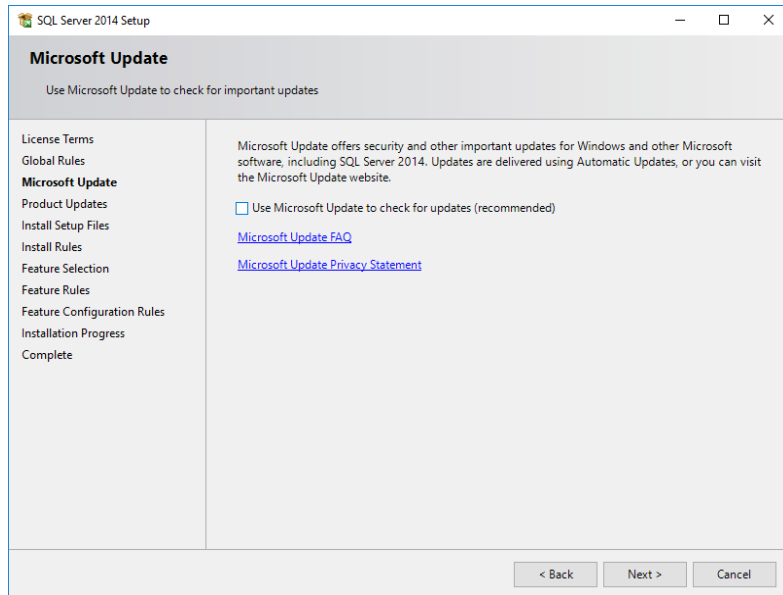
Centang persetujuan dalam instalasi SQL Server



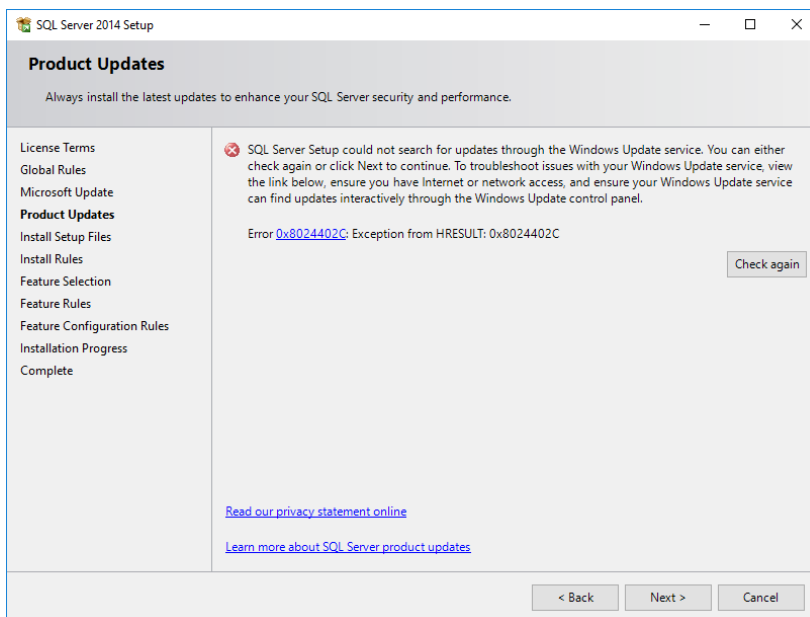
Tunggu beberapa saat dalam check instalasi



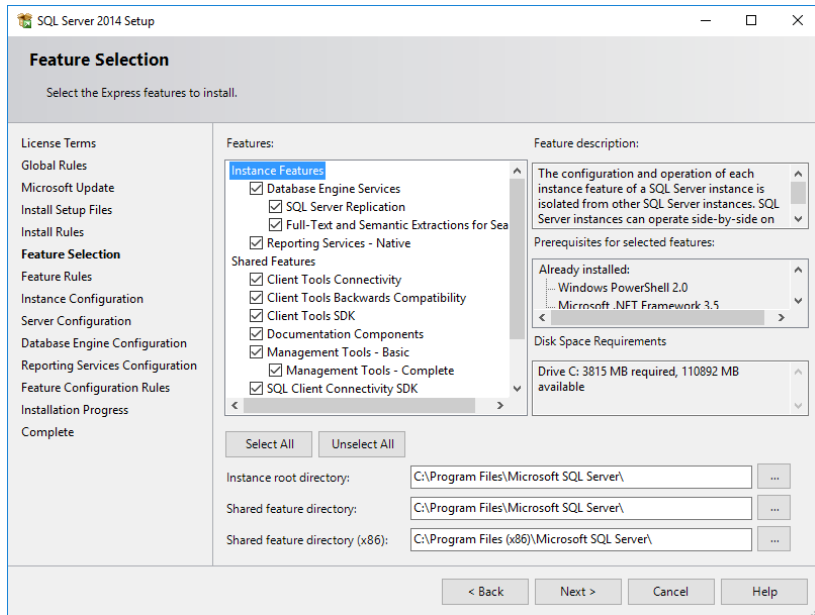
Muncul update jika terhubung internet namun jika tidak klik **Next**



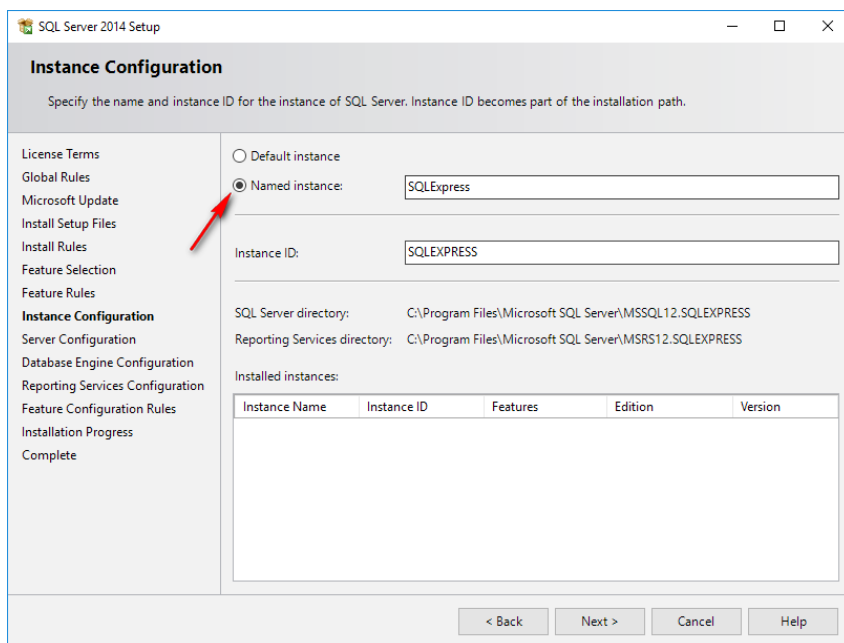
Jika muncul dibawah ini dikarenakan tidak terkoneksi dengan internet di dalam peng-update lalu klik **Next**



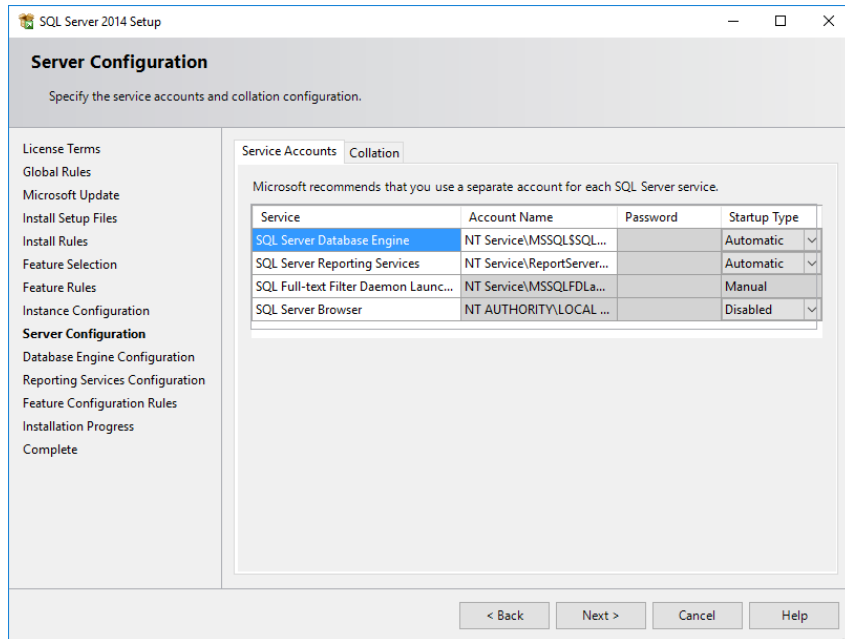
Muncul **Feature Selection** lalu klik Next



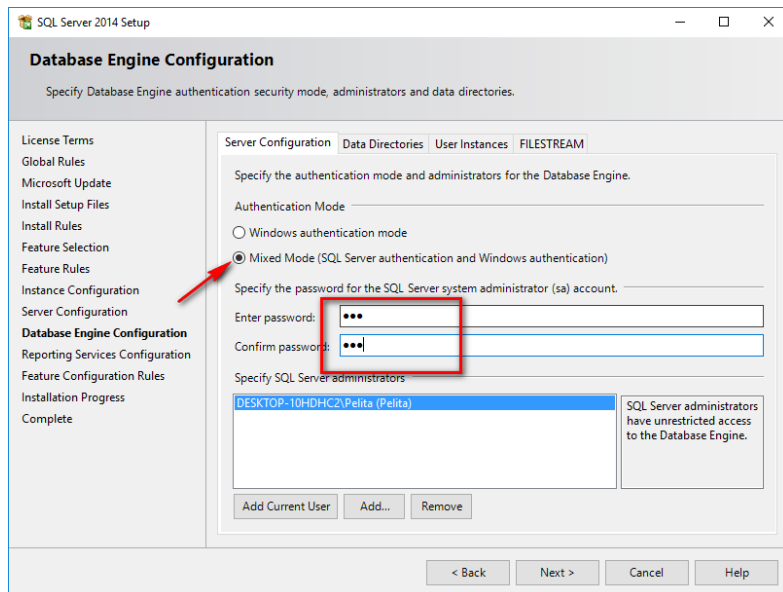
Pilih **Named instance** lalu klik Next



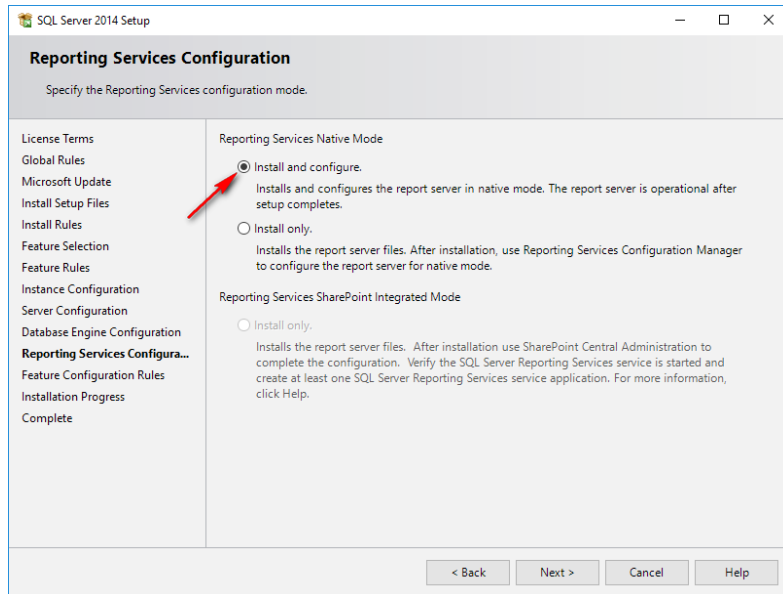
Muncul **Server Configuration** lalu klik Next



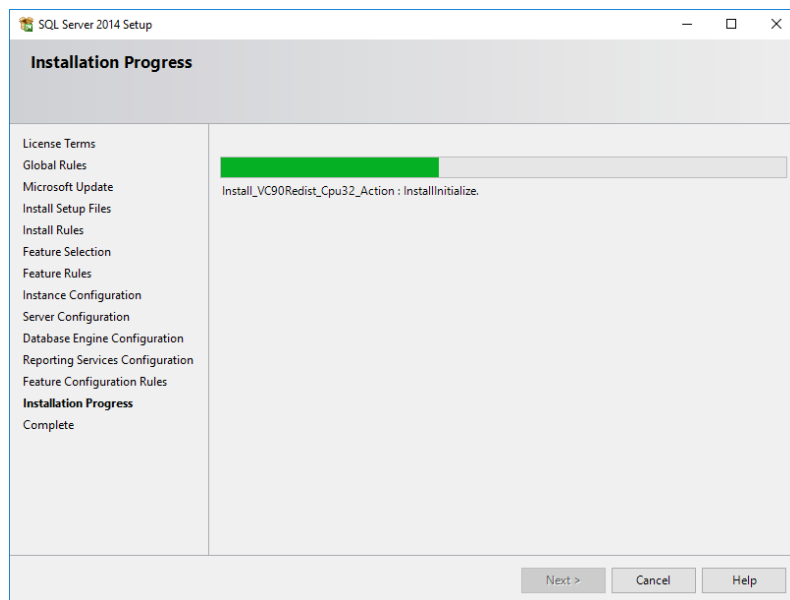
Muncul Database Engine lalu pilih **Mixed Mode** kemudian masukkan password yang diinginkan.



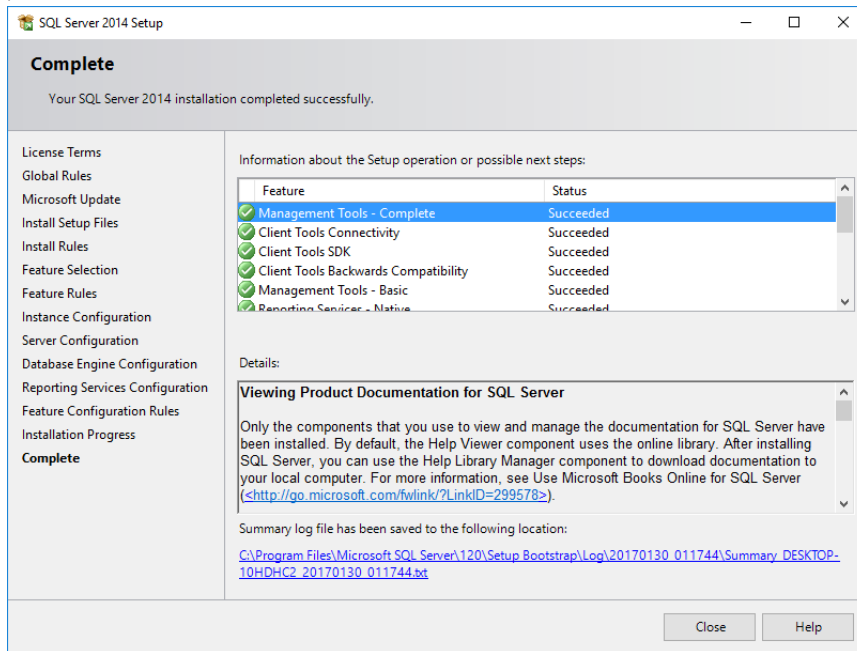
Muncul Reporting Services lalu pilih **Install and Configure** kemudian klik Next



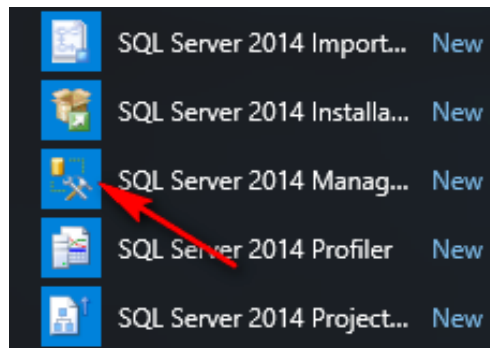
Tunggu beberapa saat instalasi



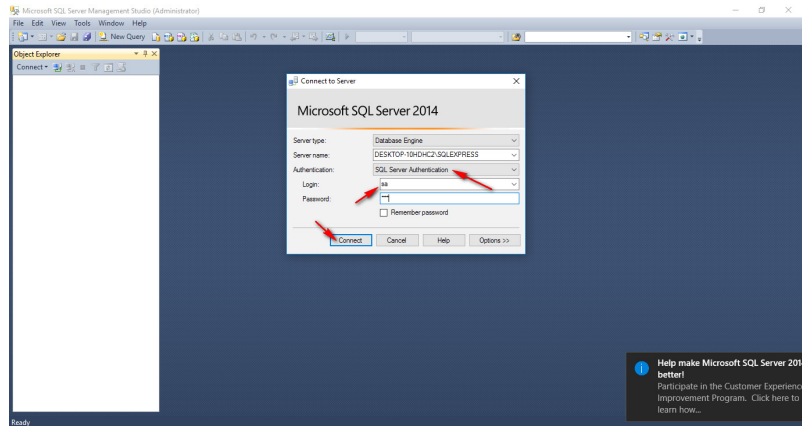
Jika selesai instalasi lalu klik **Close**



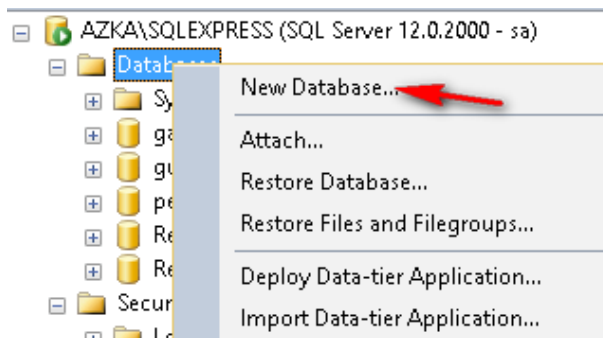
Untuk melihat SQL Server sudah terinstall klik Start lalu Pilih **SQL Server 2014 – SQL Server 2014 Management**.



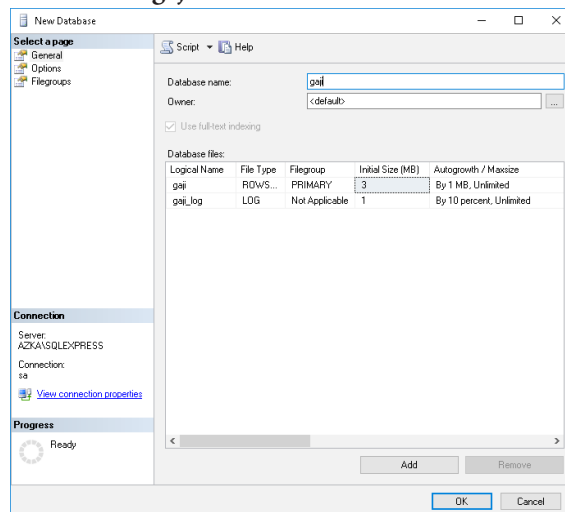
Muncul tampilan **Connect to Server** pada **Authentication** pilih **SQL Server Authentication** pada Login ketik **sa** dan password masukkan dibuat sebelumnya lalu klik **Connect**



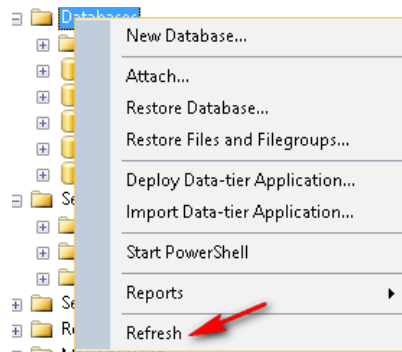
Jika sudah membuat Database beserta Table. Pilih **Databases** dan klik kanan pilih **New Databases**



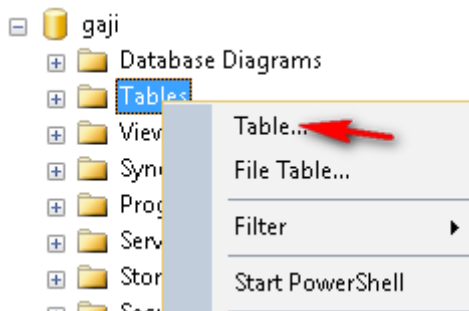
Pada database name beri nama **gaji** lalu klik OK



Jika sudah klik kanan pada **Databases** lalu pilih **Refresh** maka muncul database gaji yang telah dibuat.



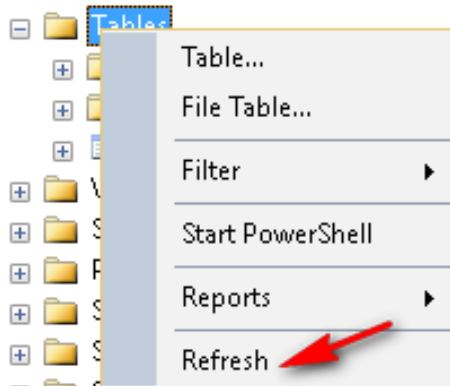
Klik icon + database gaji lalu klik kanan pada **Tables** pilih **Table**



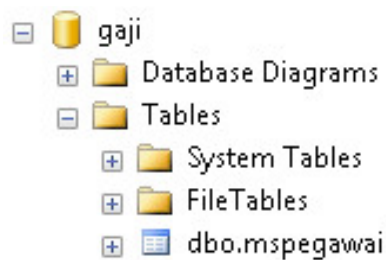
Buat **field (Column Name)** beserta **Data Type** dibawah ini dan namakan table **mspegawai** tapi sebelumnya disimpan dahulu dengan klik kanan lalu **Save**

AZKA\SQLEXPRESS....i - dbo.mspegawai			
	Column Name	Data Type	Allow Nulls
🔑	nip	nchar(10)	<input type="checkbox"/>
	nama	nvarchar(50)	<input checked="" type="checkbox"/>
	divisi	nchar(10)	<input checked="" type="checkbox"/>
	gapok	int	<input checked="" type="checkbox"/>
	potongan	int	<input checked="" type="checkbox"/>
	gaber	int	<input checked="" type="checkbox"/>

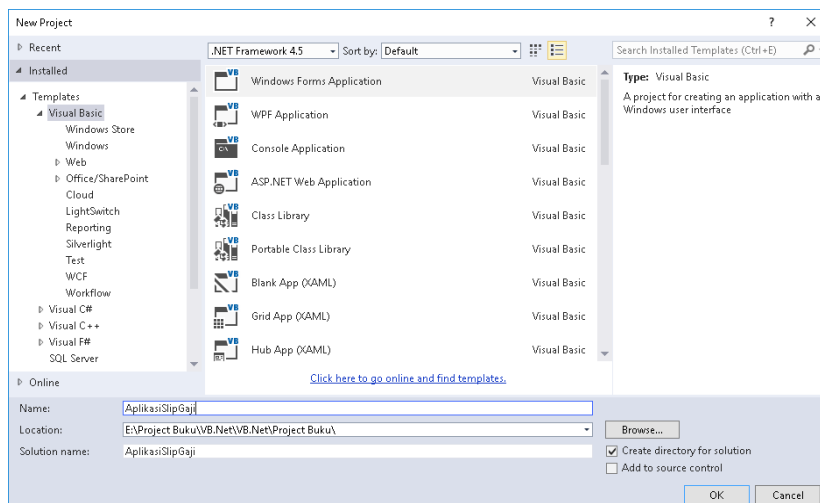
Jika sudah klik kanan pada Tables pilih **Refresh**



Maka table yang bernama **mspegawai** telah dibuat.



Setelah pembuatan Database dan Table di SQL Server kemudian buat Project dengan nama **AplikasiSlipGaji**.



Setelah selesai buatlah tampilan dibawah ini

Sebelum pengkodean namakan terlebih dahulu jika mengalami perbedaan tingal disesuaikan apa yang diinginkan.

Nama	Pada Text	Pada Nama	GroupBox
TextBox1	-	nip	Data Pegawai
TextBox2	-	nama	
ComboBox1	-	divisi	
TextBox3	-	gapok	Data Gaji
TextBox4	-	potongan	
TextBox5	-	gajibersih	
Button1	New	BtnNew	
Button2	Save	BtnSave	
Button3	Find	BtnFind	
Button4	Edit	BtnEdit	
Button5	Delete	BtnDelete	
Button6	Cancel	BtnCancel	
Button7	Close	BtnClose	
DataGridView1	-	dgv1	

Jika sudah klik 2X pada Textbox pada **nip** kemudian rubah **Event** menjadi **KeyPress** hal ini berguna untuk inputan pada NIP hanya diperuntukkan angka saja, lalu isi dibawah ini

```
Private Sub nip_KeyPress(sender As Object, e As KeyPressEventArgs)
Handles nip.KeyPress
    If Asc(e.KeyChar) <> 8 Then
        If Asc(e.KeyChar) < 48 Or
            Asc(e.KeyChar) > 58 Then
            e.Handled = True
        End If
    End If
End Sub
```

Hal sama berlaku untuk TextBox **Gaji Pokok**, **Potongan** dan **Gaji Bersih**. Setelah selesai klik 2X pada **Form Load** kemudian isi koding dibawah ini

```
Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.
Load
```

```
tampilgrid()
isidivisi()
Awal()
tutup()
nama.Focus()
```

```
End Sub
```

Tepat di atas **Form Load** lalu isi koding dibawah ini

```
Imports System.Data.SqlClient
Public Class Form1
Dim conn As New SqlConnection("Data Source=.\SQLEXPRESS;Initial
Catalog=gaji;Persist Security Info=false;User ID=sa;Password=123")
Dim sql As String
Dim da As SqlDataAdapter
Dim ds As New DataSet
Dim cmd As SqlCommand
Dim dr As SqlDataReader
Dim tabel As New DataTable
Dim nip2 As String
Sub tampilgrid()
da = New SqlDataAdapter("select * from mspegawai", conn)
ds = New DataSet
da.Fill(ds)
dgv1.DataSource = ds.Tables(0)
dgv1.ReadOnly = False
End Sub
Sub isidivisi()
divisi.Items.Clear()
divisi.Items.Add("-Pilihan-")
divisi.Items.Add("Staf")
divisi.Items.Add("Accounting")
```

```

        divisi.Items.Add("Marketing")
        divisi.SelectedIndex = 0
End Sub
Sub kosong()
    nip.Text = ""
    nama.Clear()
    divisi.Text = ""
    gapok.Clear()
    potongan.Clear()
    gajibersih.Clear()
End Sub
Sub Awal()
    BtnNew.Enabled = True
    BtnSave.Enabled = False
    BtnFind.Enabled = True
    BtnEdit.Enabled = False
    BtnDelete.Enabled = False
    BtnCancel.Enabled = False
    BtnClose.Enabled = True
End Sub
Sub tutup()
    nip.Enabled = True
    nama.Enabled = False
    divisi.Enabled = False
    gapok.Enabled = False
    potongan.Enabled = False
    gajibersih.Enabled = False
End Sub
Sub buka()
    nip.Enabled = True
    nama.Enabled = True
    divisi.Enabled = True
    gapok.Enabled = True
    potongan.Enabled = True
    gajibersih.Enabled = True
    nip.Focus()
End Sub
Sub isi()
    With dgv1
        isidivisi()
        If .RowCount > 0 Then
            nip.Text = .Item(0, .CurrentRow.Index).Value
            nama.Text = .Item(1, .CurrentRow.Index).Value
            Dim divisil As String = .Item(2, .CurrentRow.Index).Value
            gapok.Text = .Item(3, .CurrentRow.Index).Value
            potongan.Text = .Item(4, .CurrentRow.Index).Value
        End If
    End With
End Sub

```

```

        gajibersih.Text = .Item(5, .CurrentRow.Index).Value
    For i = 0 To divisi.Items.Count - 1
        Dim divisi2 As String = divisi.Items(i).ToString
        If UCase(Trim(divisi2)) = UCase(Trim(divisi1)) Then
            divisi.SelectedIndex = i
        End If
    Next
End If
End With
End Sub

```

Jika sudah klik 2X pada **Tombol New** kemudian isi koding dibawah ini

```

Private Sub BtnNew_Click(sender As Object, e As EventArgs) Handles
    BtnNew.Click
        kosong()
        buka()
        BtnNew.Enabled = False
        BtnSave.Enabled = True
        BtnFind.Enabled = False
        BtnEdit.Enabled = False
        BtnDelete.Enabled = False
        BtnCancel.Enabled = True
        BtnClose.Enabled = True
        nip.Focus()
End Sub

```

Pada **Tombol Save** klik 2X kemudian isi koding dibawah ini

```

Private Sub BtnSave_Click(sender As Object, e As EventArgs) Handles
    BtnSave.Click
        If nip.Text = "" Then
            MsgBox("NIP Isi Dahulu", vbInformation, "Konfirmasi")
            nip.Focus()
        ElseIf nama.Text = "" Then
            MsgBox("Nama Pegawai Isi Dahulu", vbInformation, "Konfirmasi")
            nama.Focus()
        ElseIf divisi.Text = "-Pilihan-" Then
            MsgBox("Divisi Isi Dahulu", vbInformation, "Konfirmasi")
            divisi.Focus()
        ElseIf gapok.Text = "" Then
            MsgBox("Gaji Pokok Isi Dahulu", vbInformation, "Konfirmasi")
            gapok.Focus()
        ElseIf potongan.Text = "" Then
            MsgBox("Potongan Isi Dahulu", vbInformation, "Konfirmasi")
            potongan.Focus()
        ElseIf gajibersih.Text = "" Then
            MsgBox("Gaji Bersih Isi Dahulu", vbInformation, "Konfirmasi")
            gajibersih.Focus()
        Else

```

```

        Dim cmdsave As New SqlCommand
        cmdsave.Connection = conn
        conn.Close()
        conn.Open()
        cmdsave.CommandType = CommandType.Text
        cmdsave.CommandText = "insert into mspegawai (nip, nama, divisi, gapok,
potongan, gaber)values('" & nip.Text &
        "','" & nama.Text &
        "','" & divisi.Text &
        "','" & gapok.Text &
        "','" & potongan.Text &
        "','" & gajibersih.Text & "'"")"
        cmdsave.ExecuteNonQuery()
        conn.Close()
        MsgBox("Data Disimpan", vbInformation, "Data Sukses")
        Awal()
        tampilgrid()
        kosong()
        isidivisi()
        tutup()
        BtnClose.Enabled = True
        BtnNew.Enabled = True
        BtnFind.Enabled = True
        BtnSave.Enabled = False
        BtnDelete.Enabled = False
        BtnEdit.Enabled = False
        BtnCancel.Enabled = False
    End If
    conn.Close()
    nip.Focus()
End Sub

```

Pada **Tombol Find** klik 2X kemudian isi koding dibawah ini.

```

Private Sub BtnFind_Click(sender As Object, e As EventArgs) Handles
BtnFind.Click
    conn.Open()
    sql = "select * from mspegawai where nip like '%" & nip.Text
    & "%'"
    da = New SqlDataAdapter(sql, conn)
    Dim cari As New DataTable
    cari.Clear()
    da.Fill(cari)
    dgv1.DataSource = cari
    If dgv1.RowCount > 0 Then
        MsgBox("Data Ditemukan Ada= " & dgv1.RowCount, vbInformation,
        "Ini Data Yang Dicari")
        conn.Close()
    End If
End Sub

```



```

        isi()
        buka()
        BtnClose.Enabled = False
        BtnNew.Enabled = False
        BtnFind.Enabled = False
        BtnSave.Enabled = False
        BtnDelete.Enabled = True
        BtnEdit.Enabled = True
        BtnCancel.Enabled = True
        nip2 = nip.Text
    Else
        MsgBox("Data Tidak Ditemukan")
        conn.Close()
        Awal()
        kosong()
        nip.Clear()
        tampilgrid()
        nip.Focus()
    End If
End Sub

Pada Tombol Edit klik 2X kemudian isi koding dibawah ini
Private Sub BtnEdit_Click(sender As Object, e As EventArgs) Handles
BtnEdit.Click
    Dim cmdsave As New SqlCommand
    cmdsave.Connection = conn
    conn.Close()
    conn.Open()
    cmdsave.CommandType = CommandType.Text
    Dim xxx As String = divisi.SelectedItem.ToString
    cmdsave.CommandText = "update mspegawai set nip=" & nip.Text & ",
nama='" & nama.Text & "', divisi='" & xxx &
"', gapok='" & gapok.Text & "', potongan='" & potongan.Text & "',
gaber='" & gajibersih.Text & "' where nip=" & Trim(nip2) & ""
    cmdsave.ExecuteNonQuery()
    conn.Close()
    MsgBox("Data berhasil")
    tampilgrid()
    Awal()
    tutup()
    isidivisi()
    kosong()
    nip.Focus()
End Sub

Pada Tombol Delete klik 2X kemudian isi koding dibawah ini
Private Sub BtnDelete_Click(sender As Object, e As EventArgs) Handles
BtnDelete.Click

```

```

If MsgBox("Apakah Anda Yakin Untuk Menghapusnya???", vbYesNo +
vbInformation, "Konfirmasi") Then
    conn.Open()
    sql = "delete from mspegawai where nip =" & nip.Text & ""
    cmd = New SqlClient.SqlCommand(sql, conn)
    cmd.ExecuteNonQuery()
    MsgBox("Data Berhasil Dihapus", vbInformation, "Data Sukses")
    conn.Close()
    kosong()
    tampilgrid()
    Awal()
    tutup()
    isidivisi()
    nip.Focus()

End If
End Sub

```

Pada **Tombol Cancel** klik 2X kemudian isi koding dibawah ini

```

Private Sub BtnCancel_Click(sender As Object, e As EventArgs) Handles
BtnCancel.Click
    kosong()
    tutup()
    BtnClose.Enabled = True
    BtnNew.Enabled = True
    BtnFind.Enabled = True
    BtnSave.Enabled = False
    BtnDelete.Enabled = False
    BtnEdit.Enabled = False
    BtnCancel.Enabled = False
    isidivisi()
    nip.Focus()
    tampilgrid()

End Sub

```

Pada **Tombol Close** klik 2X kemudian isi koding dibawah ini

```

Dim klr As String
Private Sub BtnClose_Click(sender As Object, e As EventArgs) Handles
BtnClose.Click
    klr = MsgBox("Terima Kasih Telah Belajar VB.Net & SQL Server",
vbYesNo + vbInformation, "Terus Belajar :)")
    kosong()
    Awal()
    If klr = vbYes Then
        Me.Close()
    End If

End Sub

```

Pada **DataGridView** klik 2X kemudian rubah **Event** menjadi **Click**.

```
Private Sub dgv1_Click(sender As Object, e As EventArgs) Handles dgv1.
Click
```

```
isi()
```

```
End Sub
```

Untuk koding keseluruhan dalam **AplikasiSlipGaji**.

```
Imports System.Data.SqlClient
```

```
Public Class Form1
```

```
Dim conn As New SqlConnection("Data Source=.\SQLEXPRESS;Initial
Catalog=gaji;Persist Security Info=false;User ID=sa;Password=123")
```

```
Dim sql As String
```

```
Dim da As SqlDataAdapter
```

```
Dim ds As New DataSet
```

```
Dim cmd As SqlCommand
```

```
Dim dr As SqlDataReader
```

```
Dim tabel As New DataTable
```

```
Dim nip2 As String
```

```
Sub tampilgrid()
```

```
da = New SqlDataAdapter("select * from mspegawai", conn)
```

```
ds = New DataSet
```

```
da.Fill(ds)
```

```
dgv1.DataSource = ds.Tables(0)
```

```
dgv1.ReadOnly = False
```

```
End Sub
```

```
Sub isidivisi()
```

```
divisi.Items.Clear()
```

```
divisi.Items.Add("-Pilihan-")
```

```
divisi.Items.Add("Staf")
```

```
divisi.Items.Add("Accounting")
```

```
divisi.Items.Add("Marketing")
```

```
divisi.SelectedIndex = 0
```

```
End Sub
```

```
Sub kosong()
```

```
nip.Text = ""
```

```
nama.Clear()
```

```
divisi.Text = ""
```

```
gapok.Clear()
```

```
potongan.Clear()
```

```
gajibersih.Clear()
```

```
End Sub
```

```
Sub Awal()
```

```

        BtnNew.Enabled = True
        BtnSave.Enabled = False
        BtnFind.Enabled = True
        BtnEdit.Enabled = False
        BtnDelete.Enabled = False
        BtnCancel.Enabled = False
        BtnClose.Enabled = True
    End Sub

```

```

Sub tutup()
    nip.Enabled = True
    nama.Enabled = False
    divisi.Enabled = False
    gapok.Enabled = False
    potongan.Enabled = False
    gajibersih.Enabled = False
End Sub

```

```

Sub buka()
    nip.Enabled = True
    nama.Enabled = True
    divisi.Enabled = True
    gapok.Enabled = True
    potongan.Enabled = True
    gajibersih.Enabled = True
    nip.Focus()
End Sub

```

```

Sub isi()
    With dgv1
        isidivisi()
        If .RowCount > 0 Then
            nip.Text = .Item(0, .CurrentRow.Index).Value
            nama.Text = .Item(1, .CurrentRow.Index).Value
            Dim divisi1 As String = .Item(2, .CurrentRow.Index).Value
            gapok.Text = .Item(3, .CurrentRow.Index).Value
            potongan.Text = .Item(4, .CurrentRow.Index).Value
            gajibersih.Text = .Item(5, .CurrentRow.Index).Value
            For i = 0 To divisi.Items.Count - 1
                Dim divisi2 As String = divisi.Items(i).ToString
                If UCase(Trim(divisi2)) = UCase(Trim(divisi1)) Then
                    divisi.SelectedIndex = i
                End If
            Next
        End If
    End With
End Sub

```

End Sub

```
Private Sub nip_KeyPress(sender As Object, e As KeyPressEventArgs)
Handles nip.KeyPress
    If Asc(e.KeyChar) <> 8 Then
        If Asc(e.KeyChar) < 48 Or
            Asc(e.KeyChar) > 58 Then
            e.Handled = True
        End If
    End If
End Sub
```

```
Private Sub gapok_KeyPress(sender As Object, e As KeyPressEventArgs)
Handles gapok.KeyPress
    If Asc(e.KeyChar) <> 8 Then
        If Asc(e.KeyChar) < 48 Or
            Asc(e.KeyChar) > 58 Then
            e.Handled = True
        End If
    End If
End Sub
```

```
Private Sub potongan_KeyPress(sender As Object, e As KeyPressEventArgs)
Handles potongan.KeyPress
    If Asc(e.KeyChar) <> 8 Then
        If Asc(e.KeyChar) < 48 Or
            Asc(e.KeyChar) > 58 Then
            e.Handled = True
        End If
    End If
End Sub
```

```
Private Sub gajibersih_KeyPress(sender As Object, e As
KeyPressEventArgs) Handles gajibersih.KeyPress
    If Asc(e.KeyChar) <> 8 Then
        If Asc(e.KeyChar) < 48 Or
            Asc(e.KeyChar) > 58 Then
            e.Handled = True
        End If
    End If
End Sub
```

```
Private Sub Form1_Load(sender As Object, e As EventArgs) Handles
 MyBase.Load
    tampilgrid()
    isidivisi()
```

```

        Awal()
        tutup()
        nama.Focus()
    End Sub

```

```

    Private Sub BtnNew_Click(sender As Object, e As EventArgs) Handles
BtnNew.Click
        kosong()
        buka()
        BtnNew.Enabled = False
        BtnSave.Enabled = True
        BtnFind.Enabled = False
        BtnEdit.Enabled = False
        BtnDelete.Enabled = False
        BtnCancel.Enabled = True
        BtnClose.Enabled = True
        nip.Focus()
    End Sub

```

```

    Dim klr As String

```

```

    Private Sub BtnClose_Click(sender As Object, e As EventArgs) Handles
BtnClose.Click
        klr = MsgBox("Terima Kasih Telah Belajar VB.Net & SQL Server",
vbYesNo + vbInformation, "Terus Belajar :)")
        kosong()
        Awal()
        If klr = vbYes Then
            Me.Close()
        End If
    End Sub

```

```

    Private Sub BtnSave_Click(sender As Object, e As EventArgs) Handles
BtnSave.Click
        If nip.Text = "" Then
            MsgBox("NIP Isi Dahulu", vbInformation, "Konfirmasi")
            nip.Focus()
        ElseIf nama.Text = "" Then
            MsgBox("Nama Pegawai Isi Dahulu", vbInformation, "Konfirmasi")
            nama.Focus()
        ElseIf divisi.Text = "-Pilihan-" Then
            MsgBox("Divisi Isi Dahulu", vbInformation, "Konfirmasi")
            divisi.Focus()
        ElseIf gapok.Text = "" Then

```

```

        MsgBox("Gaji Pokok Isi Dahulu", vbInformation, "Konfirmasi")
        gapok.Focus()
    ElseIf potongan.Text = "" Then
        MsgBox("Potongan Isi Dahulu", vbInformation, "Konfirmasi")
        potongan.Focus()
    ElseIf gajibersih.Text = "" Then
        MsgBox("Gaji Bersih Isi Dahulu", vbInformation, "Konfirmasi")
        gajibersih.Focus()
    Else
        Dim cmdsave As New SqlCommand
        cmdsave.Connection = conn
        conn.Close()
        conn.Open()
        cmdsave.CommandType = CommandType.Text
        cmdsave.CommandText = "insert into mspegawai (nip, nama, divisi,
gapok, potongan, gaber)values('" & nip.Text &
        "','" & nama.Text &
        "','" & divisi.Text &
        "','" & gapok.Text &
        "','" & potongan.Text &
        "','" & gajibersih.Text & "')"
        cmdsave.ExecuteNonQuery()
        conn.Close()
        MsgBox("Data Disimpan", vbInformation, "Data Sukses")
        Awal()
        tampilgrid()
        kosong()
        isidivisi()
        tutup()
        BtnClose.Enabled = True
        BtnNew.Enabled = True
        BtnFind.Enabled = True
        BtnSave.Enabled = False
        BtnDelete.Enabled = False
        BtnEdit.Enabled = False
        BtnCancel.Enabled = False
    End If
    conn.Close()
    nip.Focus()
End Sub

```

```

Private Sub BtnCancel_Click(sender As Object, e As EventArgs)
Handles BtnCancel.Click
    kosong()
    tutup()
    BtnClose.Enabled = True

```

```

        BtnNew.Enabled = True
        BtnFind.Enabled = True
        BtnSave.Enabled = False
        BtnDelete.Enabled = False
        BtnEdit.Enabled = False
        BtnCancel.Enabled = False
        isidivisi()
        nip.Focus()
        tampilgrid()
    End Sub

    Private Sub BtnFind_Click(sender As Object, e As EventArgs) Handles
BtnFind.Click
        conn.Open()
        sql = "select * from mspegawai where nip like '%" & nip.Text
& "%'"
        da = New SqlDataAdapter(sql, conn)
        Dim cari As New DataTable
        cari.Clear()
        da.Fill(cari)
        dgv1.DataSource = cari
        If dgv1.RowCount > 0 Then
            MsgBox("Data Ditemukan Ada= " & dgv1.RowCount, vbInformation,
"Ini Data Yang Dicari")
            conn.Close()
            isi()
            buka()
            BtnClose.Enabled = False
            BtnNew.Enabled = False
            BtnFind.Enabled = False
            BtnSave.Enabled = False
            BtnDelete.Enabled = True
            BtnEdit.Enabled = True
            BtnCancel.Enabled = True
            nip2 = nip.Text
        Else
            MsgBox("Data Tidak Ditemukan")
            conn.Close()
            Awal()
            kosong()
            nip.Clear()
            tampilgrid()
            nip.Focus()
        End If
    End Sub

```



```

Private Sub BtnEdit_Click(sender As Object, e As EventArgs) Handles
BtnEdit.Click
    Dim cmdsave As New SqlCommand
    cmdsave.Connection = conn
    conn.Close()
    conn.Open()
    cmdsave.CommandType = CommandType.Text
    Dim xxx As String = divisi.SelectedItem.ToString
    cmdsave.CommandText = "update mspegawai set nip=" & nip.Text &
", nama=" & nama.Text & "', divisi=" & xxx &
"', gapok=" & gapok.Text & "', potongan=" & potongan.Text &
"', gaber=" & gajibersih.Text & "' where nip=" & Trim(nip2) & ""
    cmdsave.ExecuteNonQuery()
    conn.Close()
    MsgBox("Data berhasil")
    tampilgrid()
    Awal()
    tutup()
    isidivisi()
    kosong()
    nip.Focus()
End Sub

```

```

Private Sub dgv1_Click(sender As Object, e As EventArgs) Handles
dgv1.Click
    isi()
End Sub

```

```

Dim hps As Integer

```

```

Private Sub BtnDelete_Click(sender As Object, e As EventArgs)
Handles BtnDelete.Click
    If MsgBox("Apakah Anda Yakin Untuk Menghapusnya???", vbYesNo +
vbInformation, "Konfirmasi") Then
        conn.Open()
        sql = "delete from mspegawai where nip =" & nip.Text & ""
        cmd = New SqlClient.SqlCommand(sql, conn)
        cmd.ExecuteNonQuery()
        MsgBox("Data Berhasil Dihapus", vbInformation, "Data Sukses")
        conn.Close()
        kosong()
        tampilgrid()
        Awal()
        tutup()
        isidivisi()
    End If
End Sub

```

```

        nip.Focus()
    End If
End Sub

```

```

Private Sub potongan_TextChanged(sender As Object, e As EventArgs)
Handles potongan.TextChanged
    gajibersih.Text = Val(gapok.Text) - Val(potongan.Text)
End Sub
End Class

```

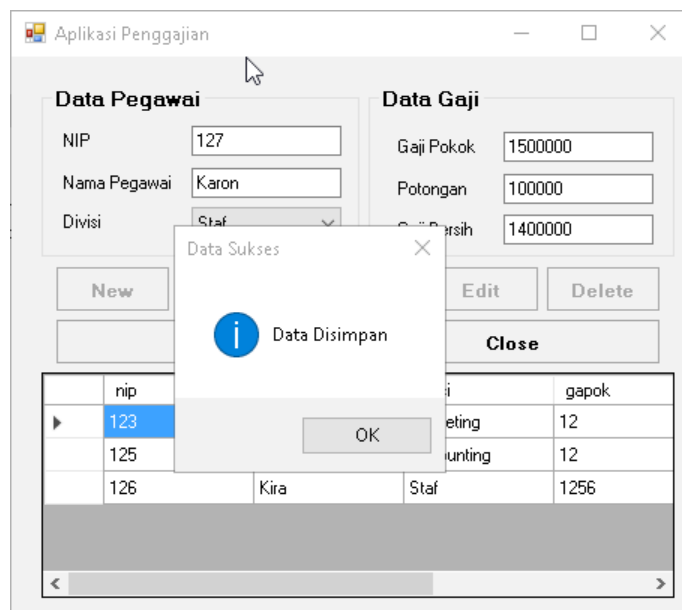
Jika sudah pengkodean lalu jalankan program dengan klik **Run**.

nip	nama	divisi	gapok
123	Jingga	Marketing	12
125	Rangga	Accounting	12
126	Kira	Staf	1256

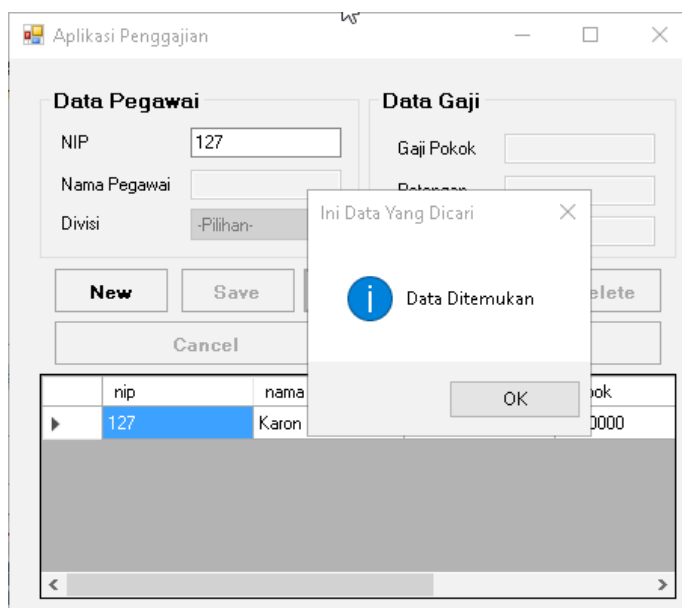
Jika ingin menyimpan data baru klik Tombol New, maka fungsi tombol akan berubah lalu isi yang diinginkan

nip	nama	divisi	gapok
123	Jingga	Marketing	12
125	Rangga	Accounting	12
126	Kira	Staf	1256

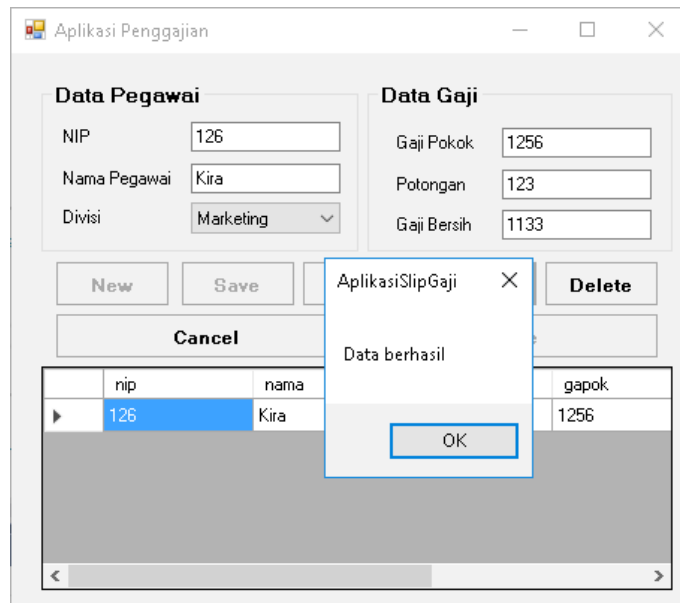
Klik Tombol Save maka fungsi Tombol lain juga akan berubah dan data masuk ke DataGridView.



Untuk mencari data masukkan NIP yang dicari kemudian klik Tombol Find



Untuk mencari mengedit data masukkan NIP yang dicari kemudian klik Tombol Edit



Untuk menghapus data masukkan NIP yang dicari kemudian klik Tombol Delete maka data akan terhapus.

