**Sebuah gambar berisi meja

Deskripsi dibuat secara otomatis**

**Imports System.IO**

**Imports System.Drawing.Imaging**

**Imports gma.Drawing.ImageInfo**

**Imports System.Net.Mime.MediaTypeNames**

**Public Class Form1**

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

**GetDrives()**

**lvImage.Columns(0).Width = -2**

**SplitContainerBawah2.Panel2.VerticalScroll.Visible = True**

**SplitContainerBawah2.Panel2.HorizontalScroll.Visible = True**

**End Sub**

**Private Sub lvlmage\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles lvImage.SelectedIndexChanged**

**End Sub**

**Private Function FormatFileSize(ByVal FileSizeBytes As Long) As String**

**Dim sizeTypes() As String = {"b", "Kb", "Mb", "Gb"}**

**Dim Len As Decimal = FileSizeBytes**

**Dim sizeType As Integer = 0**

**Do While Len > 1024**

**Len = Decimal.Round(Len / 1024, 2)**

**sizeType += 1**

**If sizeType >= sizeTypes.Length - 1 Then Exit Do**

**Loop**

**Dim Resp As String = Len.ToString & " " & sizeTypes(sizeType)**

**Return Resp**

**End Function**

**Private Sub GetFiles(ByVal PathName As String)**

**Dim LItem As ListViewItem**

**lvImage.Items.Clear()**

**lvImage.BeginUpdate()**

**For Each nFile As String In Directory.GetFiles(PathName)**

**Dim sExtension As String = Path.GetExtension(nFile)**

**sExtension = sExtension.ToLower**

**Dim f As FileInfo = New FileInfo(nFile)**

**Dim att As String = f.Attributes.ToString**

**Dim size As String = f.Length.ToString**

**Dim dibuat As String = f.CreationTime.ToString**

**Dim akses As String = f.LastAccessTime.ToString**

**Dim modi As String = f.LastWriteTime.ToString**

**If (Trim(sExtension) = ".bmp" Or Trim(sExtension) = ".jpg" Or**

**Trim(sExtension) = ".jpeg" Or Trim(sExtension) = ".gif" Or Trim(sExtension) = ".png") = True Then**

**LItem = New ListViewItem()**

**Dim iconForFile As Icon = SystemIcons.WinLogo**

**If Not (ImageList1.Images.ContainsKey(sExtension)) Then**

**iconForFile = System.Drawing.Icon.ExtractAssociatedIcon(nFile)**

**ImageList1.Images.Add(sExtension, iconForFile)**

**End If**

**With LItem**

**.SubItems(0).Text = Path.GetFileNameWithoutExtension(nFile)**

**.SubItems.Add(sExtension)**

**.SubItems.Add(FormatFileSize(size))**

**.SubItems.Add(modi)**

**.SubItems.Add(akses)**

**.SubItems.Add(dibuat)**

**.SubItems.Add(att)**

**.ImageKey = sExtension**

**.Tag = Path.Combine(PathName, nFile)**

**End With**

**lvImage.Items.Add(LItem)**

**End If**

**Next**

**lvImage.EndUpdate()**

**lvImage.Columns(0).Width = -2**

**End Sub**

**Private Sub GetFolders(ByVal PathName As TreeNode)**

**Dim di As DirectoryInfo**

**PathName.Nodes.Clear()**

**di = New DirectoryInfo(PathName.Tag)**

**Try**

**For Each nFolder In di.GetDirectories()**

**Dim tNode As New TreeNode()**

**With tNode**

**.ImageIndex = 1**

**.SelectedImageIndex = 1**

**.Tag = nFolder.FullName**

**.Text = nFolder.Name.ToString()**

**.Nodes.Add("")**

**End With**

**di = New DirectoryInfo(tNode.Tag)**

**If (di.Attributes And FileAttributes.Hidden) = False Then**

**PathName.Nodes.Add(tNode)**

**End If**

**Next**

**Catch ex As Exception**

**End Try**

**End Sub**

**Private Sub GetDrives()**

**For Each Drive In DriveInfo.GetDrives**

**If (Drive.IsReady) Then**

**Dim dName As String = Drive.VolumeLabel**

**If String.IsNullOrEmpty(dName) Then**

**dName = Drive.Name**

**End If**

**Dim tNode As New TreeNode()**

**With tNode**

**.ImageIndex = 0**

**.SelectedImageIndex = 0**

**.Text = dName**

**.Nodes.Add("")**

**.Tag = Drive.Name**

**End With**

**Call TvDrive.Nodes.Add(tNode)**

**End If**

**Next**

**End Sub**

**Function GetRaw(ByVal imgf As ImageFormat)**

**If imgf.Equals(ImageFormat.Bmp) Then**

**Return "Bitmap"**

**ElseIf imgf.Equals(ImageFormat.Jpeg) Then**

**Return "Jpeg"**

**ElseIf imgf.Equals(ImageFormat.Png) Then**

**Return ("PNG")**

**ElseIf imgf.Equals(ImageFormat.Tiff) Then**

**Return "TIFF"**

**ElseIf imgf.Equals(ImageFormat.Gif) Then**

**Return "GIF"**

**ElseIf imgf.Equals(ImageFormat.Icon) Then**

**Return "ICON"**

**End If**

**Return "Unknown"**

**End Function**

**Private Sub tvDrive\_BeforeExpand(sender As System.Object, e As System.Windows.Forms.TreeViewCancelEventArgs) Handles TvDrive.BeforeExpand**

**GetFolders(e.Node)**

**End Sub**

**Private Sub tvDrive\_AfterSelect(sender As System.Object, e As System.Windows.Forms.TreeViewEventArgs) Handles TvDrive.AfterSelect**

**GetFiles(e.Node.Tag)**

**End Sub**

**Private Sub lvImage\_SelectedIndexChanged(sender As System.Object, e As System.EventArgs) Handles lvImage.SelectedIndexChanged**

**Dim \_exif As Info**

**lvExif.Items.Clear()**

**If lvImage.SelectedItems.Count > 0 Then**

**PictureBox1.Image = Bitmap.FromFile(lvImage.SelectedItems(0).Tag.ToString)**

**ToolStripStatusReady.Text = lvImage.SelectedItems(0).Tag.ToString**

**ToolStripStatusDimension.Text = "Dimension: " &**

**PictureBox1.Image.Size.Width.ToString & " px X " &**

**PictureBox1.Image.Size.Height.ToString & " px"**

**ToolStripStatusBits.Text = "Depth: " &**

**PictureBox1.Image.PixelFormat.ToString**

**ToolStripStatusResolution.Text = "Resolution: " &**

**PictureBox1.Image.HorizontalResolution.ToString & " dpi X " &**

**PictureBox1.Image.VerticalResolution.ToString & " dpi"**

**ToolStripStatusRawFormat.Text = "Compression: " &**

**GetRaw(PictureBox1.Image.RawFormat)**

**\_exif = New Info(lvImage.SelectedItems(0).Tag.ToString)**

**PropertyGrid1.SelectedObject = \_exif**

**For Each propertyName As String In \_exif.PropertyItems.Keys**

**Try**

**Dim LItem As ListViewItem = New ListViewItem()**

**LItem.SubItems(0).Text = propertyName**

**LItem.SubItems.Add(\_exif.PropertyItems(propertyName).ToString)**

**lvExif.Items.Add(LItem)**

**Catch eks As Exception**

**End Try**

**Next**

**End If**

**lvImage.Columns(0).Width = -2**

**lvExif.Columns(0).Width = -2**

**End Sub**

**Private Sub lvImage\_DoubleClick(sender As System.Object, e As System.EventArgs) Handles lvImage.DoubleClick**

**Process.Start(lvImage.SelectedItems(0).Tag)**

**End Sub**

**Private Sub PictureBox1\_DoubleClick(sender As System.Object, e As System.EventArgs) Handles PictureBox1.DoubleClick**

**Dim pb As PictureBox = New PictureBox**

**pb.Image = Bitmap.FromFile(ToolStripStatusReady.Text)**

**pb.SizeMode = PictureBoxSizeMode.AutoSize**

**Dim pnl As Panel = New Panel**

**pnl.AutoScroll = True**

**pnl.Dock = DockStyle.Fill**

**pnl.Controls.Add(pb)**

**Dim f As Form = New Form**

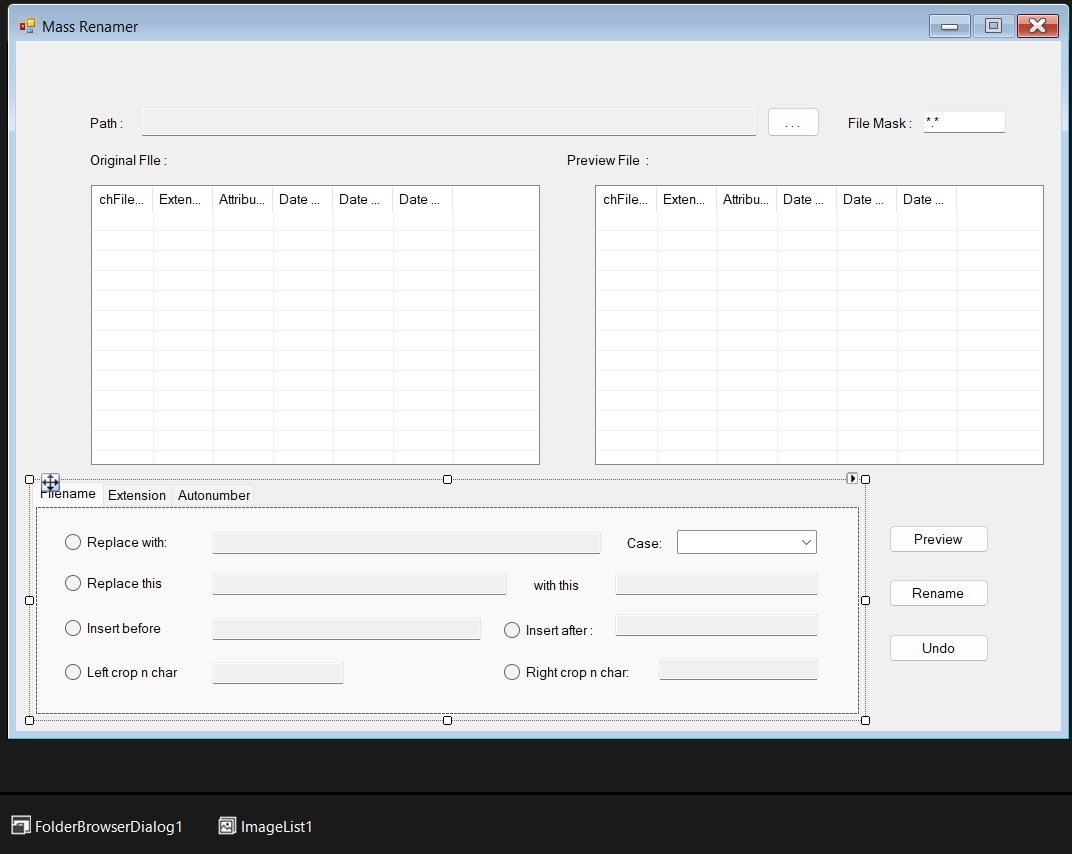
**f.WindowState = FormWindowState.Maximized**

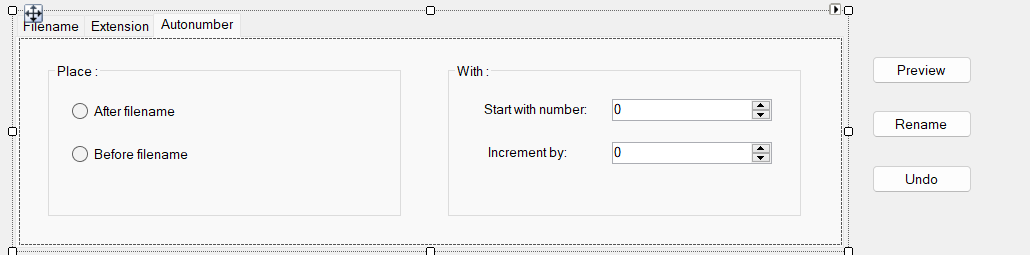
**f.Controls.Add(pnl)**

**f.Show()**

**End Sub**

**End Class**

****

****

**Imports System.IO**

**Imports System.Windows.Forms.VisualStyles.VisualStyleElement.StartPanel**

**Public Class Form1**

**Dim arrFile As List(Of String) = New List(Of String) 'untuk menampung semua file original sebelum direname**

**Dim arrFile2 As List(Of String) = New List(Of String) 'untuk menampung semua file hasil setelah direname**

**Dim arrExt As List(Of String) = New List(Of String) 'untuk menampung semua extension file original sebelum direname**

**Dim arrExt2 As List(Of String) = New List(Of String) 'untuk menampung semua extension file setelah direname**

**Dim arrUndo As List(Of String) = New List(Of String) 'untuk menampung data file dan ext sebelumnya**

**Dim mode As String**

**Sub MuatUlang()**

**lvOri.Items.Clear()**

**lvOri.View = View.Details**

**lvOri.BeginUpdate()**

**lvPreview.Items.Clear()**

**lvPreview.View = View.Details**

**lvPreview.BeginUpdate()**

**Dim hasil As String() = Directory.GetFiles(txtPath.Text, txtExt.Text, SearchOption.TopDirectoryOnly)**

**arrFile.Clear()**

**arrFile2.Clear()**

**arrExt.Clear()**

**arrExt2.Clear()**

**arrFile.AddRange(hasil)**

**arrFile2.AddRange(hasil)**

**For i As Integer = 0 To hasil.Length - 1**

**Dim iconForFile As Icon = SystemIcons.WinLogo**

**Dim fileName As String = Path.GetFileNameWithoutExtension(hasil(i))**

**Dim ext As String = Path.GetExtension(hasil(i))**

**If Not (ImageList1.Images.ContainsKey(ext)) Then**

**iconForFile = System.Drawing.Icon.ExtractAssociatedIcon(hasil(i))**

**ImageList1.Images.Add(ext, iconForFile)**

**End If**

**arrExt.Add(ext)**

**arrExt2.Add(ext)**

**Dim f As FileInfo = New FileInfo(hasil(i))**

**Dim att As String = f.Attributes.ToString**

**Dim size As String = f.Length.ToString**

**Dim dibuat As String = f.CreationTime.ToString**

**Dim akses As String = f.LastAccessTime.ToString**

**Dim modi As String = f.LastWriteTime.ToString**

**Dim item1 As ListViewItem = New ListViewItem(New String() {fileName, ext, size, att, dibuat, akses, modi})**

**item1.ImageKey = ext**

**Dim item2 As ListViewItem = New ListViewItem(New String() {fileName, ext, size, att, dibuat, akses, modi})**

**item2.ImageKey = ext**

**lvOri.Items.Add(item1)**

**lvPreview.Items.Add(item2)**

**Next**

**lvOri.EndUpdate()**

**lvPreview.EndUpdate()**

**lvOri.AutoResizeColumns(ColumnHeaderAutoResizeStyle.ColumnContent)**

**lvPreview.AutoResizeColumns(ColumnHeaderAutoResizeStyle.ColumnContent)**

**End Sub**

**Private Sub btnPath\_Click(sender As System.Object, e As System.EventArgs) Handles btnPath.Click**

**If FolderBrowserDialog1.ShowDialog = DialogResult.OK Then**

**txtPath.Text = FolderBrowserDialog1.SelectedPath**

**MuatUlang()**

**End If**

**End Sub**

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

**cbCaseF.SelectedIndex = 2**

**cbCaseE.SelectedIndex = 2**

**End Sub**

**Private Sub rbReplaceWithF\_CheckedChanged(sender As System.Object, e As System.EventArgs) Handles rbReplaceWithF.CheckedChanged, rbReplaceWithF.Click**

**If rbReplaceWithF.Checked Then**

**mode = "R"**

**txtReplaceWithF.ReadOnly = False**

**Else**

**mode = "X"**

**txtReplaceWithF.ReadOnly = True**

**End If**

**End Sub**

**Private Sub rbReplaceThisF\_CheckedChanged(sender As System.Object, e As System.EventArgs) Handles rbReplaceThisF.CheckedChanged, rbReplaceThisF.Click**

**If rbReplaceThisF.Checked Then**

**mode = "R2"**

**txtReplaceThisF.ReadOnly = False**

**txtWithThisF.ReadOnly = False**

**Else**

**mode = "X"**

**txtReplaceThisF.ReadOnly = True**

**txtWithThisF.ReadOnly = True**

**End If**

**End Sub**

**Function ListViewContainsDuplicates(ByVal listView As ListView, ByVal subItemIndex As Integer) As Boolean**

**Dim DistinctCount As Integer = (From Item In listView.Items**

**Select CType(Item, ListViewItem).SubItems(subItemIndex).Text**

**Distinct).Count**

**Return DistinctCount <> listView.Items.Count**

**End Function**

**Private Sub btnPreview\_Click(sender As System.Object, e As System.EventArgs) Handles btnPreview.Click**

**If mode = "R2" Then 'replace this F**

**Dim s1 As String = txtReplaceThisF.Text**

**Dim s2 As String = txtWithThisF.Text**

**If s1.Length = 0 Then**

**s1 = " "**

**End If**

**If s2.Length = 0 Then**

**s2 = " "**

**End If**

**For i As Integer = 0 To arrFile2.Count - 1**

**arrFile2(i) = Path.GetFileNameWithoutExtension(arrFile2(i)).Replace(s1, s2)**

**lvPreview.Items.Item(i).Text = Trim(arrFile2(i))**

**Next**

**ElseIf mode = "R" Then 'replace with F**

**For i As Integer = 0 To arrFile2.Count - 1**

**arrFile2(i) = arrFile2(i).Replace(arrFile2(i), txtReplaceWithF.Text)**

**lvPreview.Items.Item(i).Text = Trim(arrFile2(i))**

**Next**

**ElseIf mode = "IB" Then 'insert before F**

**For i As Integer = 0 To arrFile2.Count - 1**

**arrFile2(i) = Path.GetFileNameWithoutExtension(arrFile2(i)).Insert(0, txtInsertBeforeF.Text)**

**lvPreview.Items.Item(i).Text = Trim(arrFile2(i))**

**Next**

**ElseIf mode = "IA" Then 'insert after F**

**For i As Integer = 0 To arrFile2.Count - 1**

**Dim x As String = Path.GetFileNameWithoutExtension(arrFile2(i))**

**arrFile2(i) = x.Insert(x.Length, txtInsertAfterF.Text)**

**lvPreview.Items.Item(i).Text = Trim(arrFile2(i))**

**Next**

**ElseIf mode = "LC" Then 'Left crop n char F**

**If (txtLeftCropNCharF.Text <> "" Or Val(txtLeftCropNCharF.Text) > 0) Then**

**For i As Integer = 0 To arrFile2.Count - 1**

**Dim x As String = Path.GetFileNameWithoutExtension(arrFile2(i))**

**arrFile2(i) = x.Substring(txtLeftCropNCharF.Text)**

**lvPreview.Items.Item(i).Text = Trim(arrFile2(i))**

**Next**

**Else**

**For i As Integer = 0 To arrFile.Count - 1**

**Dim x As String = Path.GetFileNameWithoutExtension(arrFile(i))**

**lvPreview.Items.Item(i).Text = Trim(x)**

**Next**

**End If**

**ElseIf mode = "RC" Then 'right crop n char F**

**If (txtRightCropNCharF.Text <> "" Or Val(txtRightCropNCharF.Text) > 0) Then**

**For i As Integer = 0 To arrFile2.Count - 1**

**Dim x As String = Path.GetFileNameWithoutExtension(arrFile2(i))**

**arrFile2(i) = x.Substring(0, x.Length - Val(txtRightCropNCharF.Text))**

**lvPreview.Items.Item(i).Text = Trim(arrFile2(i))**

**Next**

**Else**

**For i As Integer = 0 To arrFile.Count - 1**

**Dim x As String = Path.GetFileNameWithoutExtension(arrFile(i))**

**lvPreview.Items.Item(i).Text = Trim(x)**

**Next**

**End If**

**ElseIf mode = "RE" Then 'replace with E**

**For i As Integer = 0 To arrFile2.Count - 1**

**arrExt2(i) = arrExt2(i).Replace(arrExt2(i).Substring(1), txtReplaceWithE.Text)**

**lvPreview.Items(i).SubItems(1).Text = Trim(arrExt2(i))**

**Next**

**ElseIf mode = "R2E" Then 'replace this E**

**Dim s1 As String = txtReplaceThisE.Text**

**Dim s2 As String = txtWithThisE.Text**

**If s1.Length = 0 Then**

**s1 = " "**

**End If**

**If s2.Length = 0 Then**

**s2 = " "**

**End If**

**For i As Integer = 0 To arrExt2.Count - 1**

**arrExt2(i) = arrExt2(i).Replace(s1, s2)**

**lvPreview.Items(i).SubItems(1).Text = Trim(arrExt2(i))**

**Next**

**ElseIf mode = "IBE" Then 'insert before E**

**For i As Integer = 0 To arrExt2.Count - 1**

**arrExt2(i) = arrExt2(i).Insert(1, txtInsertBeforeE.Text)**

**lvPreview.Items(i).SubItems(1).Text = Trim(arrExt2(i))**

**Next**

**ElseIf mode = "IAE" Then 'insert after E**

**For i As Integer = 0 To arrExt2.Count - 1**

**arrExt2(i) = arrExt2(i).Insert(arrExt2(i).Length, txtInsertAfterE.Text)**

**lvPreview.Items(i).SubItems(1).Text = Trim(arrExt2(i))**

**Next**

**ElseIf mode = "LCE" Then 'left crop n char E**

**If (txtLeftCropNCharE.Text <> "" Or Val(txtLeftCropNCharE.Text) > 0) Then**

**Dim z As Integer = Val(txtLeftCropNCharE.Text)**

**If (z = 1) Then**

**z = z + 1**

**End If**

**z = z + 1**

**For i As Integer = 0 To arrExt2.Count - 1**

**arrExt2(i) = arrExt2(i).Substring(z)**

**lvPreview.Items(i).SubItems(1).Text = Trim(arrExt2(i))**

**Next**

**Else**

**For i As Integer = 0 To arrExt.Count - 1**

**lvPreview.Items(i).SubItems(1).Text = Trim(arrExt(i))**

**Next**

**End If**

**ElseIf mode = "RCE" Then 'right crop n char E**

**If (txtRightCropNCharE.Text <> "" Or Val(txtRightCropNCharE.Text) > 0) Then**

**For i As Integer = 0 To arrExt2.Count - 1**

**arrExt2(i) = arrExt2(i).Substring(0, arrExt2(i).Length - Val(txtRightCropNCharE.Text))**

**lvPreview.Items(i).SubItems(1).Text = Trim(arrExt2(i))**

**Next**

**Else**

**For i As Integer = 0 To arrExt.Count - 1**

**lvPreview.Items(i).SubItems(1).Text = Trim(arrExt(i))**

**Next**

**End If**

**End If**

**'untuk autonumber**

**Dim naik As Integer = nudIncrementBy.Value**

**Dim mulai As Integer = nudStartWithNumber.Value**

**If ListViewContainsDuplicates(lvPreview, 0) Then**

**For i As Integer = 0 To lvPreview.Items.Count - 1**

**If rbAfterFileName.Checked Then**

**lvPreview.Items(i).SubItems(0).Text = Trim(lvPreview.Items(i).SubItems(0).Text) & Trim("-" & Str(mulai))**

**ElseIf rbBeforeFileName.Checked Then**

**lvPreview.Items(i).SubItems(0).Text = Trim(Str(mulai) & "-") & Trim(lvPreview.Items(i).SubItems(0).Text)**

**End If**

**mulai = mulai + naik**

**Next**

**End If**

**'untuk huruf - case**

**If cbCaseF.SelectedIndex = 0 Or cbCaseE.SelectedIndex = 0 Then**

**For i As Integer = 0 To lvPreview.Items.Count - 1**

**lvPreview.Items(i).SubItems(0).Text = lvPreview.Items(i).SubItems(0).Text.ToLower**

**Next**

**ElseIf cbCaseF.SelectedIndex = 1 Or cbCaseE.SelectedIndex = 1 Then**

**For i As Integer = 0 To lvPreview.Items.Count - 1**

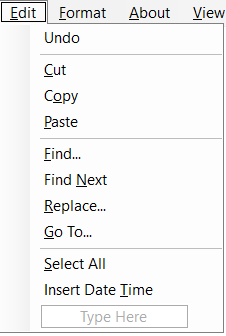
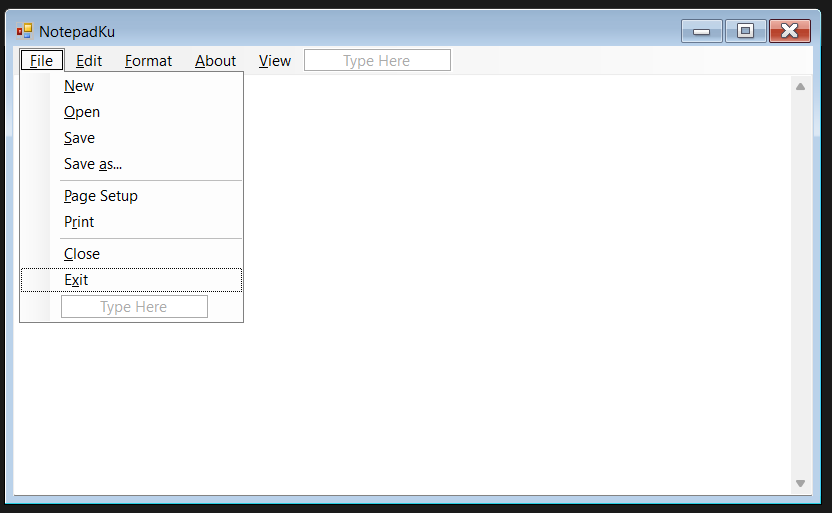
**lvPreview.Items(i).SubItems(0).Text = lvPreview.Items(i).SubItems(0).Text.ToUpper**

**Next**

**End If**

**End Sub**

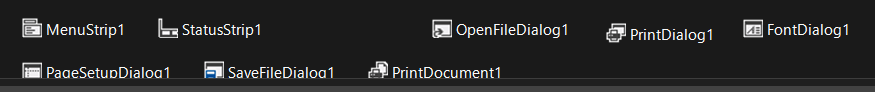
**End Class**

**Sebuah gambar berisi teks

Deskripsi dibuat secara otomatisSebuah gambar berisi teks

Deskripsi dibuat secara otomatisSebuah gambar berisi teks

Deskripsi dibuat secara otomatis**

****

**Public Class Form1**

**Dim namafile As String**

**Dim ygdicari As String**

**Dim posisihasilcari As Integer**

**Dim StringToPrint As String**

**Private Sub newToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles NewToolStripMenuItem.Click**

**Dim dr As DialogResult**

**If txtNotepad.Modified Then**

**dr = MessageBox.Show("Do you want to save the changes?", "NotepadKu", MessageBoxButtons.YesNoCancel, MessageBoxIcon.Question)**

**If (dr = DialogResult.Cancel) Then**

**'do nothing**

**ElseIf (dr = DialogResult.No) Then**

**Me.Text = "NotepadKu"**

**namafile = String.Empty**

**txtNotepad.Clear()**

**txtNotepad.SelectionStart = 0**

**ElseIf dr = DialogResult.Yes Then**

**saveToolStripMenuItem\_Click(sender, e)**

**Me.Text = "NotepadKu"**

**namafile = String.Empty**

**txtNotepad.Clear()**

**txtNotepad.SelectionStart = 0**

**End If**

**Else**

**Me.Text = "NotepadKu"**

**namafile = String.Empty**

**txtNotepad.Clear()**

**txtNotepad.SelectionStart = 0**

**End If**

**End Sub**

**Private Sub openStripMenuItem1\_Click(sender As System.Object, e As System.EventArgs) Handles OpenToolStripMenuItem.Click**

**Dim dr As DialogResult**

**If txtNotepad.Modified Then**

**dr = MessageBox.Show("Do you want to save the changes?", "NotepadKu",**

**MessageBoxButtons.YesNoCancel, MessageBoxIcon.Question)**

**If dr = DialogResult.No Then**

**dr = OpenFileDialog1.ShowDialog()**

**If dr = DialogResult.OK Then**

**txtNotepad.Text = System.IO.File.ReadAllText(OpenFileDialog1.FileName)**

**namafile = OpenFileDialog1.FileName**

**End If**

**ElseIf dr = DialogResult.Cancel Then**

**'do nothing**

**ElseIf dr = DialogResult.Yes Then**

**saveToolStripMenuItem\_Click(sender, e)**

**End If**

**Else**

**dr = OpenFileDialog1.ShowDialog()**

**If dr = DialogResult.OK Then**

**txtNotepad.Text = System.IO.File.ReadAllText(OpenFileDialog1.FileName)**

**namafile = OpenFileDialog1.FileName**

**End If**

**End If**

**Me.Text = "NotepadKu - (" & namafile & ")"**

**txtNotepad.SelectionStart = 0**

**End Sub**

**Private Sub saveToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles SaveToolStripMenuItem.Click**

**Dim dr As DialogResult**

**If namafile = String.Empty Then**

**dr = SaveFileDialog1.ShowDialog()**

**If dr = DialogResult.OK Then**

**System.IO.File.WriteAllText(SaveFileDialog1.FileName, txtNotepad.Text)**

**namafile = SaveFileDialog1.FileName**

**End If**

**Else**

**System.IO.File.WriteAllText(namafile, txtNotepad.Text)**

**End If**

**Me.Text = "NotepadKu - (" & namafile & ")"**

**txtNotepad.SelectionStart = 0**

**End Sub**

**Private Sub saveasToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles SaveasToolStripMenuItem.Click**

**Dim dr As DialogResult**

**dr = SaveFileDialog1.ShowDialog()**

**If dr = DialogResult.OK Then**

**System.IO.File.WriteAllText(SaveFileDialog1.FileName, txtNotepad.Text)**

**namafile = SaveFileDialog1.FileName**

**End If**

**Me.Text = "NotepadKu - (" & namafile & ")"**

**txtNotepad.SelectionStart = 0**

**End Sub**

**Private Sub pageSetupToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles PageSetupToolStripMenuItem.Click**

**Dim dr As DialogResult**

**PageSetupDialog1.Document = PrintDocument1**

**PageSetupDialog1.Document.DefaultPageSettings.Color = False**

**dr = PageSetupDialog1.ShowDialog**

**If dr = DialogResult.OK Then**

**PrintDocument1.DefaultPageSettings = PageSetupDialog1.PageSettings**

**End If**

**End Sub**

**Private Sub printToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles PrintToolStripMenuItem.Click**

**Dim dr As DialogResult**

**StringToPrint = txtNotepad.Text**

**PrintDocument1.DocumentName = "NotepadKu"**

**PrintDialog1.PrinterSettings = PrintDocument1.PrinterSettings**

**PrintDialog1.Document = PrintDocument1**

**dr = PrintDialog1.ShowDialog()**

**If dr = DialogResult.OK Then**

**PrintDocument1.Print()**

**End If**

**End Sub**

**Private Sub closeToolStripMenuItem7\_Click(sender As System.Object, e As System.EventArgs) Handles CloseToolStripMenuItem.Click**

**newToolStripMenuItem\_Click(sender, e)**

**txtNotepad.Clear()**

**End Sub**

**Private Sub exitToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles ExitToolStripMenuItem.Click**

**Dim dr As DialogResult**

**If txtNotepad.Modified Then**

**dr = MessageBox.Show("Do you want to save the changes?", "NotepadKu",**

**MessageBoxButtons.YesNoCancel)**

**If dr = DialogResult.Yes Then**

**saveToolStripMenuItem\_Click(sender, e)**

**Application.Exit()**

**ElseIf dr = DialogResult.Cancel Then**

**'do nothing**

**ElseIf dr = DialogResult.No Then**

**Application.Exit()**

**End If**

**End If**

**End Sub**

**Private Sub undoToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles UndoToolStripMenuItem.Click**

**If txtNotepad.CanUndo Then**

**txtNotepad.Undo()**

**End If**

**End Sub**

**Private Sub cutToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles CutToolStripMenuItem.Click**

**Clipboard.Clear()**

**If txtNotepad.SelectionLength > 0 Then**

**txtNotepad.Cut()**

**End If**

**End Sub**

**Private Sub copyToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles CopyToolStripMenuItem.Click**

**Clipboard.Clear()**

**If txtNotepad.SelectionLength > 0 Then**

**txtNotepad.Copy()**

**End If**

**End Sub**

**Private Sub pasteToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles PasteToolStripMenuItem.Click**

**If Clipboard.ContainsText() Then**

**txtNotepad.Paste()**

**End If**

**End Sub**

**Private Sub findToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles FindToolStripMenuItem.Click**

**ygdicari = InputBox("Enter text to be found: ", "Find", "", 100, 100)**

**posisihasilcari = InStr(1, txtNotepad.Text, ygdicari, CompareMethod.Text)**

**If posisihasilcari > 0 Then**

**txtNotepad.Focus()**

**txtNotepad.SelectionStart = posisihasilcari - 1**

**txtNotepad.SelectionLength = ygdicari.Length**

**Else**

**MessageBox.Show("Text is not found.")**

**End If**

**End Sub**

**Private Sub findNextToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles FindNextToolStripMenuItem.Click**

**posisihasilcari = InStr(posisihasilcari + 1, txtNotepad.Text, ygdicari,**

**CompareMethod.Text)**

**If posisihasilcari > 0 Then**

**txtNotepad.Focus()**

**txtNotepad.SelectionStart = posisihasilcari - 1**

**txtNotepad.SelectionLength = ygdicari.Length**

**Else**

**MessageBox.Show("Text is not found.")**

**End If**

**End Sub**

**Private Sub replaceToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles ReplaceToolStripMenuItem.Click**

**ygdicari = InputBox("Enter text to be replaced: ", "Find", "", 100, 100)**

**Dim digantijadi As String = InputBox("Replace with: ", "Replace", "", 100,**

**100)**

**posisihasilcari = InStr(1, txtNotepad.Text, ygdicari, CompareMethod.Text)**

**If posisihasilcari > 0 Then**

**txtNotepad.Focus()**

**txtNotepad.SelectionStart = posisihasilcari - 1**

**txtNotepad.SelectionLength = ygdicari.Length**

**txtNotepad.SelectedText = ""**

**txtNotepad.SelectedText = digantijadi**

**Else**

**MessageBox.Show("Text is not found.")**

**End If**

**End Sub**

**Private Declare Function SendMessage \_**

**Lib "user32.dll" Alias "SendMessageA" (**

**ByVal hWnd As Long,**

**ByVal wMsg As Long,**

**ByVal wParam As Long,**

**ByRef lParam As Long**

**) As Long**

**Private Const EM\_LINEINDEX As Long = &HBB**

**Private Sub GotoLine(ByVal tb As TextBox, ByVal Line As Integer)**

**Dim idx As Integer = 0**

**For x As Integer = 0 To Line - 1**

**For Each c As Char In tb.Lines(x)**

**idx += 1**

**Next**

**idx += Environment.NewLine.Length**

**Next**

**tb.SelectionStart = idx**

**tb.SelectionLength = 0**

**tb.Select()**

**End Sub**

**Private Sub goToToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles GoToToolStripMenuItem.Click**

**Dim baris As String = InputBox("Go to line: ", "Go to Line", "", 100, 100)**

**GotoLine(txtNotepad, CInt(baris))**

**End Sub**

**Private Sub selectAllToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles SelectAllToolStripMenuItem.Click**

**txtNotepad.SelectAll()**

**End Sub**

**Private Sub insertDateTimeToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles InsertDateTimeToolStripMenuItem.Click**

**txtNotepad.SelectedText = Convert.ToString(Now())**

**End Sub**

**Private Sub wordWrapToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles WordWrapToolStripMenuItem.Click**

**txtNotepad.WordWrap = Not txtNotepad.WordWrap**

**WordWrapToolStripMenuItem.Checked = Not WordWrapToolStripMenuItem.Checked**

**End Sub**

**Private Sub fontToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles FontToolStripMenuItem.Click**

**Dim dr As DialogResult**

**dr = FontDialog1.ShowDialog()**

**If dr = DialogResult.OK Then**

**txtNotepad.Font = FontDialog1.Font**

**End If**

**End Sub**

**Private Sub statusBarToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles StatusBarToolStripMenuItem.Click**

**StatusStrip1.Visible = Not StatusStrip1.Visible**

**StatusBarToolStripMenuItem.Checked = Not StatusBarToolStripMenuItem.Checked**

**End Sub**

**Private Sub helpToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles HelpToolStripMenuItem.Click**

**MessageBox.Show("Help goes here")**

**End Sub**

**Private Sub aboutToolStripMenuItem1\_Click(sender As System.Object, e As System.EventArgs) Handles AboutToolStripMenuItem.Click**

**MessageBox.Show("NotepadKu dibuat oleh Antonius RC (C) 2014")**

**End Sub**

**Private Sub Form1\_KeyDown(sender As System.Object, e As System.Windows.Forms.KeyEventArgs) Handles MyBase.KeyDown**

**If e.KeyCode = Keys.CapsLock Then**

**capsStripStatus.Enabled = Not capsStripStatus.Enabled**

**End If**

**If e.KeyCode = Keys.NumLock Then**

**numStripStatus.Enabled = Not numStripStatus.Enabled**

**End If**

**If (e.KeyCode = Keys.Insert) AndAlso (insertStripStatus.Text = "INS") Then**

**insertStripStatus.Text = "OVR"**

**Else**

**insertStripStatus.Text = "INS"**

**End If**

**End Sub**

**Private Sub txtNotepad\_KeyUp(sender As System.Object, e As System.Windows.Forms.KeyEventArgs) Handles txtNotepad.KeyUp**

**Dim line As Integer =**

**txtNotepad.GetLineFromCharIndex(txtNotepad.SelectionStart) + 1**

**ToolStripStatusLine.Text = "Line: " & line**

**End Sub**

**Private Sub PrintDocument1\_PrintPage(sender As System.Object, e As System.Drawing.Printing.PrintPageEventArgs) Handles PrintDocument1.PrintPage**

**Dim numChars As Integer 'untuk jumlah karakter**

**Dim numLines As Integer 'untuk jumlah baris**

**Dim stringForPage As String**

**Dim strFormat As New StringFormat()**

**Dim PrintFont As Font**

**PrintFont = txtNotepad.Font**

**Dim rectDraw As New RectangleF(e.MarginBounds.Left, e.MarginBounds.Top,**

**e.MarginBounds.Width, e.MarginBounds.Height)**

**Dim sizeMeasure As New SizeF(e.MarginBounds.Width, e.MarginBounds.Height -**

**PrintFont.GetHeight(e.Graphics))**

**strFormat.Trimming = StringTrimming.Word**

**e.Graphics.MeasureString(StringToPrint, PrintFont, sizeMeasure, strFormat,**

**numChars, numLines)**

**stringForPage = StringToPrint.Substring(0, numChars)**

**e.Graphics.DrawString(stringForPage, PrintFont, Brushes.Black, rectDraw,**

**strFormat)**

**If numChars < StringToPrint.Length Then**

**StringToPrint = StringToPrint.Substring(numChars)**

**e.HasMorePages = True**

**Else**

**e.HasMorePages = False**

**End If**

**End Sub**

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

**txtNotepad.WordWrap = False**

**txtNotepad.Font = New Font("Lucida Console", 10, FontStyle.Regular)**

**txtNotepad.WordWrap = False**

**End Sub**

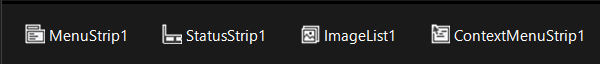
**Private Sub txtNotepad\_TextChanged(sender As Object, e As EventArgs) Handles txtNotepad.TextChanged**

**End Sub**

**End Class**

**Sebuah gambar berisi meja

Deskripsi dibuat secara otomatis**

****

**Imports System.IO**

**Imports System.Net.WebRequestMethods**

**Imports System.Reflection.Emit**

**Imports System.Windows.Forms.VisualStyles.VisualStyleElement**

**Public Class form1**

**Private Function FormatFileSize(ByVal FileSizeBytes As Long) As String**

**Dim sizeTypes() As String = {"b", "Kb", "Mb", "Gb"}**

**Dim Len As Decimal = FileSizeBytes**

**Dim sizeType As Integer = 0**

**Do While Len > 1024**

**Len = Decimal.Round(Len / 1024, 2)**

**sizeType += 1**

**If sizeType >= sizeTypes.Length - 1 Then Exit Do**

**Loop**

**Dim Resp As String = Len.ToString & " " & sizeTypes(sizeType)**

**Return Resp**

**End Function**

**Private Sub GetFiles(ByVal PathName As String)**

**Dim LItem As ListViewItem**

**lvFile.Items.Clear()**

**lvFile.BeginUpdate()**

**For Each nFile As String In Directory.GetFiles(PathName, txtExtension.Text.Trim)**

**Dim sExtension As String = Path.GetExtension(nFile)**

**sExtension = sExtension.ToLower**

**Dim f As FileInfo = New FileInfo(nFile)**

**If (f.Attributes And FileAttributes.Hidden) = False Then**

**Dim att As String = f.Attributes.ToString**

**Dim size As String = f.Length.ToString**

**Dim dibuat As String = f.CreationTime.ToString**

**Dim akses As String = f.LastAccessTime.ToString**

**Dim modi As String = f.LastWriteTime.ToString**

**LItem = New ListViewItem()**

**Dim iconForFile As Icon = SystemIcons.WinLogo**

**If Not (ImageList1.Images.ContainsKey(sExtension)) Then**

**iconForFile = System.Drawing.Icon.ExtractAssociatedIcon(nFile)**

**ImageList1.Images.Add(sExtension, iconForFile)**

**End If**

**With LItem**

**.SubItems(0).Text = Path.GetFileNameWithoutExtension(nFile)**

**.SubItems.Add(sExtension)**

**.SubItems.Add(FormatFileSize(size))**

**.SubItems.Add(modi)**

**.SubItems.Add(akses)**

**.SubItems.Add(dibuat)**

**.SubItems.Add(att)**

**.SubItems.Add(nFile)**

**.ImageKey = sExtension**

**.Tag = Path.Combine(PathName, nFile)**

**End With**

**lvFile.Items.Add(LItem)**

**End If**

**Next**

**lvFile.EndUpdate()**

**For i As Integer = 0 To lvFile.Columns.Count - 1**

**lvFile.Columns(i).Width = -2**

**Next**

**End Sub**

**Private Sub GetFiles2(ByVal PathName As String)**

**Dim LItem As ListViewItem**

**lvFile.Items.Clear()**

**lvFile.BeginUpdate()**

**Try**

**With ToolStripProgressBar1**

**.Maximum = My.Computer.FileSystem.GetFiles(PathName).Count**

**.Minimum = 0**

**.Step = 1**

**.Value = 1**

**End With**

**Catch ua As UnauthorizedAccessException**

**Catch ex As Exception**

**End Try**

**Try**

**For Each nFile As String In Directory.GetFiles(PathName, txtExtension.Text, SearchOption.AllDirectories)**

**If nFile.ToLower.Contains(cbFind.Text.ToLower) Then**

**ToolStripProgressBar1.PerformStep()**

**Dim sExtension As String = Path.GetExtension(nFile)**

**sExtension = sExtension.ToLower**

**Dim f As FileInfo = New FileInfo(nFile)**

**If (f.Attributes And FileAttributes.Hidden) = False Then**

**Dim att As String = f.Attributes.ToString**

**Dim size As String = f.Length.ToString**

**Dim dibuat As String = f.CreationTime.ToString**

**Dim akses As String = f.LastAccessTime.ToString**

**Dim modi As String = f.LastWriteTime.ToString**

**LItem = New ListViewItem()**

**Dim iconForFile As Icon = SystemIcons.WinLogo**

**If Not (ImageList1.Images.ContainsKey(sExtension)) Then**

**iconForFile =**

**System.Drawing.Icon.ExtractAssociatedIcon(nFile)**

**ImageList1.Images.Add(sExtension, iconForFile)**

**End If**

**With LItem**

**.SubItems(0).Text =**

**Path.GetFileNameWithoutExtension(nFile)**

**.SubItems.Add(sExtension)**

**.SubItems.Add(FormatFileSize(size))**

**.SubItems.Add(modi)**

**.SubItems.Add(akses)**

**.SubItems.Add(dibuat)**

**.SubItems.Add(att)**

**.SubItems.Add(nFile)**

**.ImageKey = sExtension**

**.Tag = Path.Combine(PathName, nFile)**

**End With**

**lvFile.Items.Add(LItem)**

**End If**

**End If**

**Next nFile**

**Catch ua As UnauthorizedAccessException**

**ToolStripProgressBar1.PerformStep()**

**Catch ex As Exception**

**ToolStripProgressBar1.PerformStep()**

**End Try**

**lvFile.EndUpdate()**

**For i As Integer = 0 To lvFile.Columns.Count - 1**

**lvFile.Columns(i).Width = -2**

**Next**

**End Sub**

**Private Sub GetFolders(ByVal PathName As TreeNode)**

**Dim di As DirectoryInfo**

**PathName.Nodes.Clear()**

**di = New DirectoryInfo(PathName.Tag)**

**Try**

**For Each nFolder As DirectoryInfo In di.GetDirectories()**

**Dim tNode As New TreeNode()**

**With tNode**

**.ImageIndex = 1**

**.SelectedImageIndex = 1**

**.Tag = nFolder.FullName**

**.Text = nFolder.Name.ToString()**

**.Nodes.Add("")**

**End With**

**di = New DirectoryInfo(tNode.Tag)**

**If (di.Attributes And FileAttributes.Hidden) = False Then**

**PathName.Nodes.Add(tNode)**

**End If**

**Next**

**Catch ex As Exception**

**End Try**

**End Sub**

**Private Sub GetDrives()**

**tvDrive.Nodes.Clear()**

**For Each Drive In DriveInfo.GetDrives**

**If (Drive.IsReady) Then**

**Dim dName As String = Drive.VolumeLabel**

**If String.IsNullOrEmpty(dName) Then**

**dName = Drive.Name**

**End If**

**Dim tNode As New TreeNode()**

**With tNode**

**.ImageIndex = 0**

**.SelectedImageIndex = 0**

**.Text = dName**

**.Nodes.Add("")**

**.Tag = Drive.Name**

**End With**

**Call tvDrive.Nodes.Add(tNode)**

**End If**

**Next**

**End Sub**

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

**GetDrives()**

**For i As Integer = 0 To lvFile.Columns.Count - 1**

**lvFile.Columns(i).Width = -2**

**Next**

**For Each curDrive As DriveInfo In My.Computer.FileSystem.Drives**

**If curDrive.DriveType = DriveType.Fixed Then**

**Dim theFreeSpace As Long = curDrive.AvailableFreeSpace**

**Label3.Text &= curDrive.VolumeLabel & " (" & curDrive.Name & ") Free " & FormatFileSize(theFreeSpace) & " - " & curDrive.DriveFormat & vbCrLf**

**End If**

**Next**

**End Sub**

**Private Sub tvDrive\_BeforeExpand(sender As System.Object, e As System.Windows.Forms.TreeViewCancelEventArgs) Handles tvDrive.BeforeExpand**

**GetFolders(e.Node)**

**End Sub**

**Private Sub tvDrive\_AfterSelect(sender As System.Object, e As System.Windows.Forms.TreeViewEventArgs) Handles tvDrive.AfterSelect**

**GetFiles(e.Node.Tag)**

**ToolStripProgressBar1.Value = 0**

**ToolStripStatusLabel1.Text = e.Node.Tag**

**End Sub**

**Private Sub btnSearch\_Click(sender As System.Object, e As System.EventArgs) Handles btnSearch.Click**

**If ToolStripStatusLabel1.Text <> "Ready" And**

**My.Computer.FileSystem.DirectoryExists(ToolStripStatusLabel1.Text) Then**

**GetFiles2(ToolStripStatusLabel1.Text)**

**ToolStripProgressBar1.Value = ToolStripProgressBar1.Maximum**

**Else**

**MsgBox("Please select a drive/directory first from Tree View on the left side")**

**End If**

**End Sub**

**Private Sub cbFind\_KeyDown(sender As System.Object, e As System.Windows.Forms.KeyEventArgs) Handles cbFind.KeyDown**

**If (e.KeyCode = Keys.Enter) Then**

**btnSearch\_Click(sender, e)**

**End If**

**End Sub**

**Private Sub lvFile\_DoubleClick(sender As System.Object, e As System.EventArgs) Handles lvFile.DoubleClick**

**If lvFile.SelectedItems.Count = 1 Then**

**Process.Start(lvFile.SelectedItems(0).Tag)**

**End If**

**End Sub**

**Private Sub ExitToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles ExitToolStripMenuItem.Click**

**Application.Exit()**

**End Sub**

**Private Sub OpenToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles OpenToolStripMenuItem.Click**

**If lvFile.SelectedItems.Count = 1 Then**

**Process.Start(lvFile.SelectedItems(0).Tag)**

**End If**

**End Sub**

**Private Sub OpenFolderToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles OpenFolderToolStripMenuItem.Click**

**If lvFile.SelectedItems.Count = 1 Then**

**Process.Start("explorer.exe", "/select," & lvFile.SelectedItems(0).Tag)**

**End If**

**End Sub**

**Private Sub CopyPathToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles CopyPathToolStripMenuItem.Click**

**If lvFile.SelectedItems.Count = 1 Then**

**Clipboard.SetText(lvFile.SelectedItems(0).Tag)**

**MsgBox("Copied Successfully!")**

**End If**

**End Sub**

**Private Sub CopyFolderPathToClipboardToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles CopyFolderPathToClipboardToolStripMenuItem.Click**

**If lvFile.SelectedItems.Count = 1 Then**

**Clipboard.SetText(Path.GetDirectoryName(lvFile.SelectedItems(0).Tag))**

**MsgBox("Copied Successfully!")**

**End If**

**End Sub**

**Private Sub RefreshToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles RefreshToolStripMenuItem.Click**

**GetDrives()**

**For i As Integer = 0 To lvFile.Columns.Count - 1**

**lvFile.Columns(i).Width = -2**

**Next**

**End Sub**

**Private Sub ExportToolStripMenuItem\_Click(sender As System.Object, e As System.EventArgs) Handles ExportToolStripMenuItem.Click**

**Dim sfd As New SaveFileDialog**

**sfd.DefaultExt = "\*.txt"**

**sfd.FileName = "Export.txt"**

**sfd.Filter = "Text File (\*.txt) | \*.txt"**

**If sfd.ShowDialog = DialogResult.OK Then**

**Using writer As New StreamWriter(sfd.FileName)**

**writer.Write("Name,Extension,File Size,Last Modified,Last Accessed,File Created,Attributes,Full Path")**

**writer.WriteLine()**

**For Each item As ListViewItem In lvFile.Items**

**For index = 0 To item.SubItems.Count - 1**

**If index > 0 Then**

**writer.Write(",")**

**End If**

**writer.Write(item.SubItems(index).Text)**

**Next**

**writer.WriteLine()**

**Next**

**End Using**

**End If**

**End Sub**

**Private Sub txtExtension\_Leave(sender As System.Object, e As System.EventArgs) Handles txtExtension.Leave**

**If ToolStripStatusLabel1.Text <> "Ready" Then**

**GetFiles(ToolStripStatusLabel1.Text)**

**ToolStripProgressBar1.Value = 0**

**End If**

**End Sub**

**Private Sub DeleteFileToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles DeleteFileToolStripMenuItem.Click**

**Dim item As ListViewItem = lvFile.SelectedItems(0)**

**Dim filePath As String = item.Tag**

**Dim result As DialogResult = MessageBox.Show("Are you sure you want to delete " & filePath & "?", "Delete", MessageBoxButtons.YesNo, MessageBoxIcon.Question)**

**If result = DialogResult.Yes Then**

**IO.File.Delete(filePath)**

**lvFile.Items.Remove(item)**

**MessageBox.Show("Deleted successfully.")**

**End If**

**End Sub**

**Private Sub ContextMenuStrip1\_Opening(sender As Object, e As System.ComponentModel.CancelEventArgs)**

**End Sub**

**Private Sub RenameToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles RenameToolStripMenuItem.Click**

**If lvFile.SelectedItems.Count > 0 Then**

**Dim item As ListViewItem = lvFile.SelectedItems(0)**

**Dim filePath As String = item.Tag ' mengambil nilai path file dari tag ListViewItem**

**Dim fileName As String = IO.Path.GetFileName(filePath)**

**Dim result As String = InputBox("Enter new file name:", "Rename", fileName)**

**If Not String.IsNullOrEmpty(result) Then**

**Try**

**IO.File.Move(filePath, IO.Path.Combine(IO.Path.GetDirectoryName(filePath), result))**

**item.Text = result ' mengubah nilai pada kolom Name ListView**

**item.Tag = IO.Path.Combine(IO.Path.GetDirectoryName(filePath), result) ' mengubah nilai tag ListViewItem**

**MessageBox.Show("File renamed successfully.")**

**Catch ex As Exception**

**MessageBox.Show("Error renaming file: " & ex.Message)**

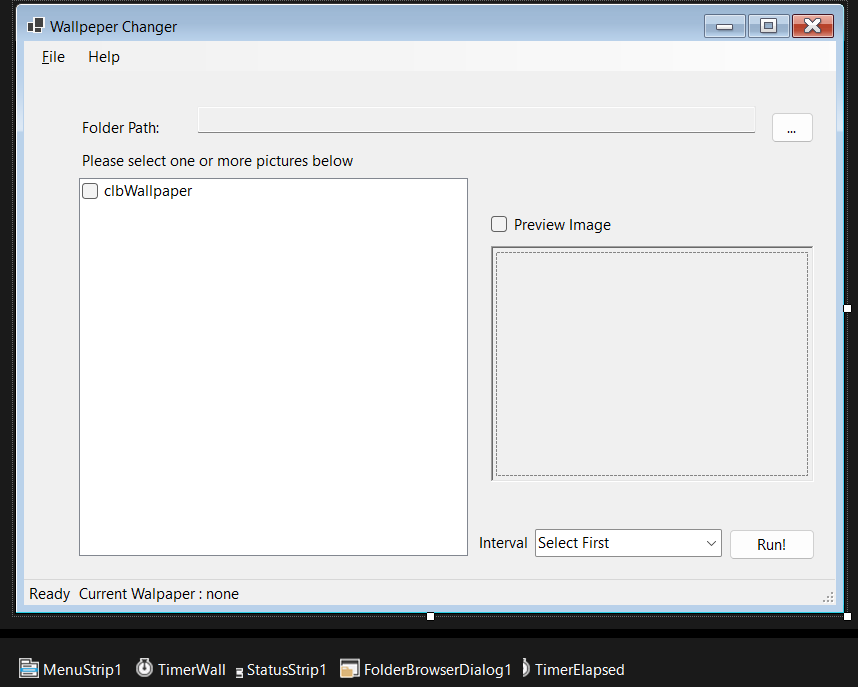
**End Try**

**End If**

**End If**

**End Sub**

**End Class**

****

**Imports System.Windows.Forms.VisualStyles.VisualStyleElement.StartPanel**

**Imports System.IO.Directory**

**Public Class Form1**

**Dim interval As Integer = 1000 \* 60**

**Dim indeks As Integer = 0**

**Dim counter As Integer = 0**

**Dim arrayGambar As List(Of String) = New List(Of String)**

**Private Const SPI\_SETDESKWALLPAPER As Integer = &H14**

**Private Const SPIF\_UPDATEINIFILE As Integer = &H1**

**Private Const SPIF\_SENDWININICHANGE As Integer = &H2**

**Private Declare Auto Function SystemParametersInfo Lib "user32.dll" (ByVal uAction As Integer, ByVal uParam As Integer, ByVal lpvParam As String, ByVal fuWinIni As Integer) As Integer**

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

**End Sub**

**Private Sub ToolStripStatusLabel1\_Click(sender As Object, e As EventArgs) Handles ToolStripStatusReady.Click**

**End Sub**

**Private Sub btnRun\_Click(sender As Object, e As EventArgs) Handles btnRun.Click**

**If cbInterval.SelectedIndex > -1 Then**

**If btnRun.Text = "Run!" Then**

**btnRun.Text = "Stop!"**

**Select Case cbInterval.SelectedIndex**

**Case 0**

**interval = 10 \* 1000**

**Case 1**

**interval = 60 \* 1000**

**Case 2**

**interval = 3 \* 60 \* 1000**

**Case 3**

**interval = 5 \* 60 \* 1000**

**Case 4**

**interval = 10 \* 60 \* 1000**

**Case 5**

**interval = 15 \* 60 \* 1000**

**Case 6**

**interval = 30 \* 60 \* 1000**

**Case 7**

**interval = 60 \* 60 \* 1000**

**End Select**

**TimerWall.Interval = interval**

**TimerWall.Enabled = True**

**TimerElapsed.Enabled = True**

**Else**

**btnRun.Text = "Run!"**

**TimerWall.Enabled = False**

**indeks = 0**

**counter = 0**

**ToolStripStatusReady.Text = "Ready."**

**TimerElapsed.Enabled = False**

**End If**

**End If**

**End Sub**

**Private Sub btnBrowse\_Click(sender As Object, e As EventArgs) Handles btnBrowse.Click**

**If FolderBrowserDialog1.ShowDialog = DialogResult.OK Then**

**txtPath.Text = FolderBrowserDialog1.SelectedPath**

**Dim folderInfo As New IO.DirectoryInfo(txtPath.Text)**

**clbWallpaper.Items.Clear()**

**clbWallpaper.Items.AddRange(folderInfo.GetFiles("\*.jpg"))**

**clbWallpaper.Items.AddRange(folderInfo.GetFiles("\*.jpeg"))**

**clbWallpaper.Items.AddRange(folderInfo.GetFiles("\*.bmp"))**

**clbWallpaper.Items.AddRange(folderInfo.GetFiles("\*.png"))**

**End If**

**End Sub**

**Private Sub TimerWall\_Tick(sender As Object, e As EventArgs) Handles TimerWall.Tick**

**Try**

**Dim imageLocation As String = arrayGambar(indeks)**

**SystemParametersInfo(SPI\_SETDESKWALLPAPER, 0, imageLocation, SPIF\_UPDATEINIFILE Or SPIF\_SENDWININICHANGE)**

**ToolStripStatusCurrent.Text = "Current wallpaper: " & imageLocation**

**If indeks < clbWallpaper.CheckedItems.Count - 1 Then**

**indeks = indeks + 1**

**Else**

**indeks = 0**

**End If**

**Catch Ex As Exception**

**MsgBox("Error setting Wallpaper: " & Ex.Message)**

**End Try**

**End Sub**

**Private Sub TimerElapsed\_Tick(sender As Object, e As EventArgs) Handles TimerElapsed.Tick**

**counter = counter + 1**

**ToolStripStatusReady.Text = "Time elapsed: " & CInt(counter) & " secs"**

**End Sub**

**Private Sub NewToolStripMenuItem1\_Click(sender As Object, e As EventArgs) Handles NewToolStripMenuItem1.Click**

**indeks = 0**

**counter = 0**

**arrayGambar = New List(Of String)**

**txtPath.Clear()**

**clbWallpaper.Items.Clear()**

**End Sub**

**Private Sub AboutToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles AboutToolStripMenuItem.Click**

**MsgBox("Wallpaper Changer v1.0 " & vbCrLf & "Created by Antonius Rachmat C" &**

**vbCrLf & "anton@ti.ukdw.ac.id")**

**End Sub**

**Private Sub clbWallpaper\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles clbWallpaper.SelectedIndexChanged**

**Dim imageLocation As String**

**If cbPreview.Checked Then**

**PictureBox1.Image = New Bitmap(clbWallpaper.SelectedItem.ToString)**

**End If**

**arrayGambar.Clear()**

**For x As Integer = 0 To clbWallpaper.CheckedItems.Count - 1**

**imageLocation = txtPath.Text & "\" & clbWallpaper.CheckedItems(x).ToString**

**arrayGambar.Add(imageLocation)**

**Next**

**End Sub**

**Private Sub cbPreview\_Click(sender As System.Object, e As System.EventArgs) Handles cbPreview.Click**

**If cbPreview.Checked Then**

**PictureBox1.Visible = True**

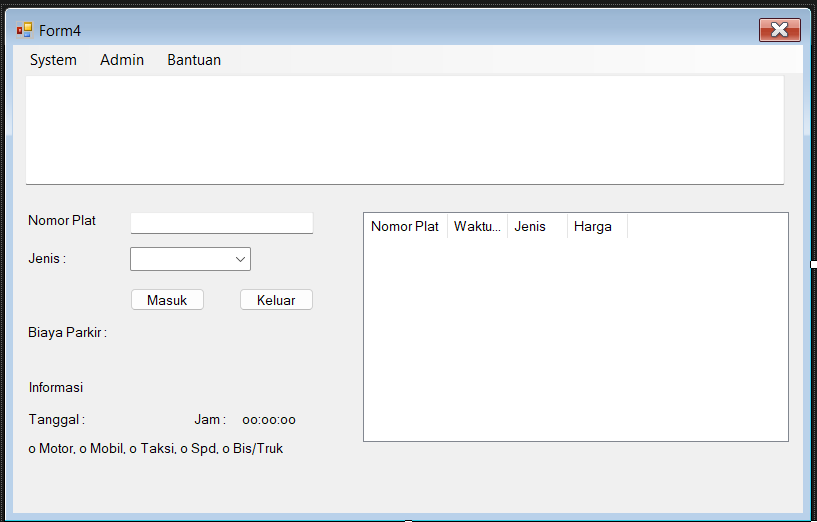
**Else**

**PictureBox1.Visible = False**

**End If**

**End Sub**

**End Class**

****

****

**Imports System**

**Imports System.Data.SqlClient**

**Imports System.Net**

**Imports System.Data.Odbc**

**Imports MySql.Data.MySqlClient**

**Imports System.Windows.Forms.VisualStyles.VisualStyleElement**

**Imports Mysqlx.XDevAPI.Common**

**Imports System.Diagnostics.Eventing**

**Imports System.Collections.ObjectModel**

**Public Class Form4**

**Public constring As MySqlConnection**

**Dim tblLagiParkir As DataTable**

**Dim strSQL As String**

**Dim Proses As New clsKoneksi**

**Dim tanggal As DateTime = DateTime.Now**

**Public Sub TampilData()**

**Dim conn = New MySqlConnection("server = localhost;user id=root;password=;database=test")**

**conn.Open()**

**tblLagiParkir = Nothing**

**Dim strSQL As String = "SELECT \* FROM tblsedangparkir"**

**tblLagiParkir = Proses.ExecuteQuery(strSQL)**

**Dim cmd As MySqlCommand = New MySqlCommand(strSQL, conn)**

**Dim result As MySqlDataReader = cmd.ExecuteReader()**

**For i = 0 To tblLagiParkir.Rows.Count - 1**

**lvLagiParkir.Items.Add(tblLagiParkir.Rows(i).Item(0))**

**lvLagiParkir.Items(i).SubItems.Add(tblLagiParkir.Rows(i).Item(1))**

**lvLagiParkir.Items(i).SubItems.Add(tblLagiParkir.Rows(i).Item(2))**

**lvLagiParkir.Items(i).SubItems.Add(tblLagiParkir.Rows(i).Item(3))**

**Next**

**End Sub**

**Private Sub lvLagiParkir\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles lvLagiParkir.SelectedIndexChanged**

**End Sub**

**Private Sub btnMasuk\_Click(sender As Object, e As EventArgs) Handles btnMasuk.Click**

**If cbJenisKendaraan.SelectedIndex = -1 Or tbNomorPlat.Text = "" Then**

**MessageBox.Show("Silakan lengkapi data terlebih dulu")**

**Else**

**constring = New MySqlConnection("server = localhost;user id=root;password=;database=test")**

**constring.Open()**

**Dim NoPlat As String = tbNomorPlat.Text.ToString()**

**Dim Tanggal As String = lbTanggal.Text.ToString()**

**Dim Jam As String = lbJam.Text.ToString()**

**Dim Jenis As String = lbBayang.Text.ToString()**

**Dim Biaya As String = lbBiayaParkir.Text.ToString**

**Dim cm = New MySqlCommand("insert into tblsedangparkir (no\_plat, waktu\_masuk,jenis, harga) values('" + NoPlat + "','" + Tanggal + " " + Jam + "','" + Jenis + "','" + Biaya + "')", constring)**

**cm.ExecuteNonQuery()**

**lvLagiParkir.Items.Clear()**

**TampilData()**

**tbBigPlat.Text = tbNomorPlat.Text**

**End If**

**End Sub**

**Private Sub Form4\_Load(sender As Object, e As EventArgs) Handles MyBase.Load**

**Form1.Visible = False**

**lvLagiParkir.Items.Clear()**

**TampilData()**

**lbTanggal.Text = tanggal**

**Timer1.Start()**

**End Sub**

**Private Sub cbJenisKendaraan\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cbJenisKendaraan.SelectedIndexChanged**

**If cbJenisKendaraan.SelectedIndex = 0 Then**

**lbBiayaParkir.Text = 2000**

**lbBayang.Text = "Motor"**

**ElseIf cbJenisKendaraan.SelectedIndex = 1 Then**

**lbBiayaParkir.Text = 3000**

**lbBayang.Text = "Mobil"**

**ElseIf cbJenisKendaraan.SelectedIndex = 2 Then**

**lbBiayaParkir.Text = 3000**

**lbBayang.Text = "Taksi/Umum"**

**ElseIf cbJenisKendaraan.SelectedIndex = 3 Then**

**lbBiayaParkir.Text = 1000**

**lbBayang.Text = "Sepeda"**

**ElseIf cbJenisKendaraan.SelectedIndex = 4 Then**

**lbBiayaParkir.Text = 5000**

**lbBayang.Text = "Bis/Truk"**

**End If**

**End Sub**

**Private Sub tbNomorPlat\_TextChanged(sender As Object, e As EventArgs) Handles tbNomorPlat.TextChanged**

**tbNomorPlat.MaxLength = 10**

**End Sub**

**Private Sub Panel1\_Paint(sender As Object, e As PaintEventArgs)**

**End Sub**

**Private Sub Timer1\_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick**

**lbTanggal.Text = DateTime.Now.ToString("yyyy-MM-dd")**

**lbJam.Text = DateTime.Now.ToString("HH:mm:ss")**

**End Sub**

**Private Sub btnKeluar\_Click(sender As Object, e As EventArgs) Handles btnKeluar.Click**

**If cbJenisKendaraan.SelectedIndex = -1 Or tbNomorPlat.Text = "" Then**

**MessageBox.Show("Silakan lengkapi data terlebih dulu")**

**Else**

**constring = New MySqlConnection("server = localhost;user id=root;password=;database=test")**

**constring.Open()**

**Dim NoPlat As String = tbNomorPlat.Text.ToString()**

**Dim Tanggal As String = lbTanggal.Text.ToString()**

**Dim Jam As String = lbJam.Text.ToString()**

**Dim Jenis As String = lbBayang.Text.ToString()**

**Dim Biaya As String = lbBiayaParkir.Text.ToString**

**Dim TanggalKeluar As String = lbTanggal.Text**

**Dim JamKeluar As String = lbJam.Text**

**Dim cm = New MySqlCommand("insert into tblparkir (no\_plat, waktu\_masuk,waktu\_keluar,jenis, harga) values('" + NoPlat + "','" + Tanggal + " " + Jam + "','" + TanggalKeluar + " " + JamKeluar + "','" + Jenis + "','" + Biaya + "')", constring)**

**Dim dl = New MySqlCommand("Delete from tblsedangparkir where no\_plat = '" + NoPlat + "'", constring)**

**cm.ExecuteNonQuery()**

**dl.ExecuteNonQuery()**

**lvLagiParkir.Items.Clear()**

**TampilData()**

**tbBigPlat.Text = tbNomorPlat.Text**

**End If**

**End Sub**

**Private Sub LogoutToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles LogoutToolStripMenuItem.Click**

**Form1.Visible = True**

**Me.Visible = False**

**End Sub**

**Private Sub AturProfilToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles AturProfilToolStripMenuItem.Click**

**Form2.Show()**

**Form1.Visible = False**

**Me.Visible = False**

**End Sub**

**Private Sub LanggananToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles LanggananToolStripMenuItem.Click**

**Form3.Show()**

**Me.Close()**

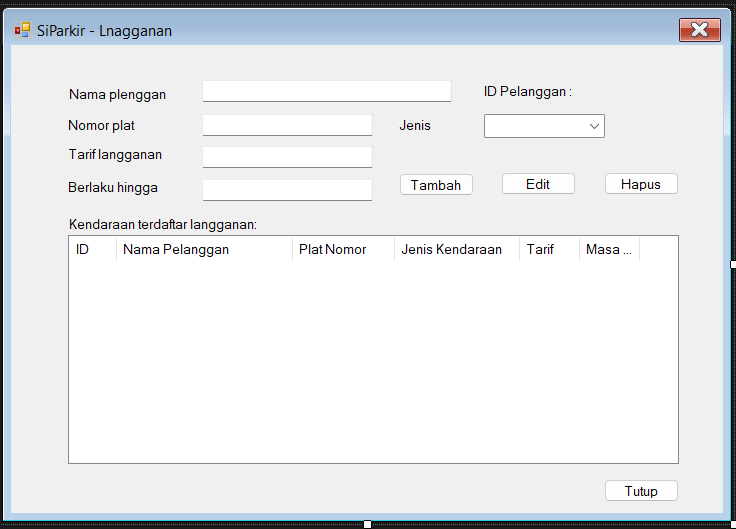
**End Sub**

**Private Sub LaporanToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles LaporanToolStripMenuItem.Click**

**Form5.Show()**

**End Sub**

**End Class**

****

**Imports System**

**Imports System.Data.SqlClient**

**Imports System.Net**

**Imports System.Data.Odbc**

**Imports MySql.Data.MySqlClient**

**Imports System.Windows.Forms.VisualStyles.VisualStyleElement**

**Imports Mysqlx.XDevAPI.Common**

**Imports System.Diagnostics.Eventing**

**Imports System.Collections.ObjectModel**

**Public Class Form3**

**Public constring As MySqlConnection**

**Dim tblLagiParkir As DataTable**

**Dim strSQL As String**

**Dim Proses As New clsKoneksi**

**Dim tanggal As DateTime = DateTime.Now**

**Public Sub TampilData()**

**Dim conn = New MySqlConnection("server = localhost;user id=root;password=;database=test")**

**conn.Open()**

**tblLagiParkir = Nothing**

**Dim strSQL As String = "SELECT \* FROM tblsedangparkir"**

**tblLagiParkir = Proses.ExecuteQuery(strSQL)**

**Dim cmd As MySqlCommand = New MySqlCommand(strSQL, conn)**

**Dim result As MySqlDataReader = cmd.ExecuteReader()**

**For i = 0 To tblLagiParkir.Rows.Count - 1**

**lvPelanggan.Items.Add(tblLagiParkir.Rows(i).Item(0))**

**lvPelanggan.Items(i).SubItems.Add(tblLagiParkir.Rows(i).Item(1))**

**lvPelanggan.Items(i).SubItems.Add(tblLagiParkir.Rows(i).Item(2))**

**lvPelanggan.Items(i).SubItems.Add(tblLagiParkir.Rows(i).Item(3))**

**lvPelanggan.Items(i).SubItems.Add(tblLagiParkir.Rows(i).Item(4))**

**lvPelanggan.Items(i).SubItems.Add(tblLagiParkir.Rows(i).Item(5))**

**Next**

**End Sub**

**Private Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click**

**If cbJenis.SelectedIndex = -1 Or tbPlat.Text = "" Or tbBerlaku.Text = "" Or tbNama.Text = "" Or tbTarif.Text = "" Then**

**MessageBox.Show("Silakan lengkapi data terlebih dulu")**

**Else**

**constring = New MySqlConnection("server = localhost;user id=root;password=;database=test")**

**constring.Open()**

**Dim Nama As String = tbNama.Text.ToString()**

**Dim NoPlat As String = tbPlat.Text.ToString()**

**Dim Tanggal As String = tbBerlaku.Text.ToString()**

**Dim Jenis As String = lbBayang.Text.ToString()**

**Dim Biaya As String = tbTarif.Text.ToString**

**Dim cm = New MySqlCommand("insert into tbllangganan (no\_plat, nama,jenis, biaya, expired) values('" + NoPlat + "','" + Nama + "','" + Tanggal + "','" + Jenis + "','" + Biaya + "')", constring)**

**cm.ExecuteNonQuery()**

**lvPelanggan.Items.Clear()**

**TampilData()**

**End If**

**End Sub**

**Private Sub cbJenis\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cbJenis.SelectedIndexChanged**

**If cbJenis.SelectedIndex = 0 Then**

**lbBayang.Text = "Motor"**

**ElseIf cbJenis.SelectedIndex = 1 Then**

**lbBayang.Text = "Mobil"**

**ElseIf cbJenis.SelectedIndex = 2 Then**

**lbBayang.Text = "Taksi/Umum"**

**ElseIf cbJenis.SelectedIndex = 3 Then**

**lbBayang.Text = "Sepeda"**

**ElseIf cbJenis.SelectedIndex = 4 Then**

**lbBayang.Text = "Bis/Truk"**

**End If**

**End Sub**

**Private Sub ListView1\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles lvPelanggan.SelectedIndexChanged**

**End Sub**

**Private Sub Button3\_Click(sender As Object, e As EventArgs) Handles btnHapus.Click**

**If cbJenis.SelectedIndex = -1 Or tbPlat.Text = "" Or tbBerlaku.Text = "" Or tbNama.Text = "" Or tbTarif.Text = "" Then**

**MessageBox.Show("Silakan lengkapi data terlebih dulu")**

**Else**

**constring = New MySqlConnection("server = localhost;user id=root;password=;database=test")**

**constring.Open()**

**Dim Nama As String = tbNama.Text.ToString()**

**Dim NoPlat As String = tbPlat.Text.ToString()**

**Dim Tanggal As String = tbBerlaku.Text.ToString()**

**Dim Jenis As String = lbBayang.Text.ToString()**

**Dim Biaya As String = tbTarif.Text.ToString**

**Dim cm = New MySqlCommand("insert into tbllangganan (no\_plat, nama,jenis, biaya, expired) values('" + NoPlat + "','" + Nama + "','" + Tanggal + "','" + Jenis + "','" + Biaya + "')", constring)**

**cm.ExecuteNonQuery()**

**Dim dl = New MySqlCommand("Delete from tblsedangparkir where no\_plat = '" + NoPlat + "'", constring)**

**cm.ExecuteNonQuery()**

**dl.ExecuteNonQuery()**

**lvPelanggan.Items.Clear()**

**TampilData()**

**End If**

**End Sub**

**Private Sub Button4\_Click(sender As Object, e As EventArgs) Handles Button4.Click**

**Form4.Show()**

**Me.Close()**

**End Sub**

**Private Sub Form3\_Load(sender As Object, e As EventArgs) Handles MyBase.Load**

**End Sub**

**End Class**

**Class untuk connect**

**Imports MySql.Data.MySqlClient**

**Public Class clsKoneksi**

**Protected Conn As New MySqlConnection**

**Protected cmd As New MySqlCommand**

**Protected da As New MySqlDataAdapter**

**Protected ds As New DataSet**

**Protected dt As New DataTable**

**Public Function OpenConn() As Boolean**

**Conn = New MySqlConnection("server = localhost;user id=root;password=;database=test")**

**Conn.Open()**

**If Conn.State <> ConnectionState.Open Then**

**Return False**

**Else**

**Return True**

**End If**

**End Function**

**Public Sub CloseConn()**

**If Not IsNothing(Conn) Then**

**Conn.Close()**

**Conn = Nothing**

**End If**

**End Sub**

**Public Function ExecuteQuery(ByVal Query As String) As DataTable**

**If Not OpenConn() Then**

**MsgBox("Koneksi Gagal...!", MsgBoxStyle.Critical, "Access Failed")**

**Return Nothing**

**Exit Function**

**End If**

**cmd = New MySqlCommand(Query, Conn)**

**da = New MySqlDataAdapter**

**da.SelectCommand = cmd**

**ds = New Data.DataSet**

**da.Fill(ds)**

**dt = ds.Tables(0)**

**Return dt**

**dt = Nothing**

**ds = Nothing**

**da = Nothing**

**cmd = Nothing**

**CloseConn()**

**End Function**

**Public Sub ExecuteNonQuery(ByVal Query As String)**

**If Not OpenConn() Then**

**MsgBox("Koneksi Gagal...!", MsgBoxStyle.Critical, "Access Failed")**

**Exit Sub**

**End If**

**cmd = New MySqlCommand**

**cmd.Connection = Conn**

**cmd.CommandType = CommandType.Text**

**cmd.CommandText = Query**

**cmd.ExecuteNonQuery()**

**cmd = Nothing**

**CloseConn()**

**End Sub**

**End Class**

**Imports System.IO**

**Imports System.Runtime.Serialization.Formatters.Binary**

**Imports System.Windows.Forms.ImageList**

**Public Class Form1**

**Public listAlarm As New List(Of List(Of String))**

**Public idAlarm As Integer = 1**

**Dim lokasiTambah As Integer = 0**

**Public counterBatasAlarm As Integer = 0**

**Dim LokasiX As Integer = 21**

**Dim LokasiY As Integer = 44**

**Dim listSaveSemuaAlarm As New List(Of List(Of String))**

**Public isForm3Closed = False**

**Public Sub cekAlarm(setWatktuAlarm As String, deskripsi As String)**

**Dim waktuSekarang As String = DateTime.Now.ToString("HH:mm:ss WIB")**

**If setWatktuAlarm = waktuSekarang Then**

**Dim alarmForm3 As Form3 = New Form3**

**alarmForm3.lblDeskripsi.Text = deskripsi**

**alarmForm3.lblSetWaktuAlarm.Text = setWatktuAlarm**

**Form3.Show()**

**End If**

**End Sub**

**Public Sub generateAlarm(waktuAlarm As String, deskripsi As String)**

**Dim listSimpanItemAlarm As New List(Of String)**

**Dim alarmBaruPanel As Panel = New Panel**

**alarmBaruPanel.Name = "pnlAlarm" & CStr(idAlarm)**

**alarmBaruPanel.Width = 180**

**alarmBaruPanel.Height = 100**

**alarmBaruPanel.BackColor = Color.FromArgb(CInt(192), CInt(126), CInt(242))**

**'cek nama panel**

**'MsgBox("Generate nama panel " & alarmBaruPanel.Name)**

**If idAlarm > 0 And idAlarm < 5 Then**

**If idAlarm = 1 Then**

**alarmBaruPanel.Location = New Point(LokasiX, LokasiY)**

**Else**

**Dim perGeserKanan = 220**

**Dim LokasiXLama = 21**

**LokasiX = LokasiXLama + (perGeserKanan \* (idAlarm - 1))**

**alarmBaruPanel.Location = New Point(LokasiX, LokasiY)**

**End If**

**ElseIf idAlarm > 4 And idAlarm < 9 Then**

**If idAlarm = 5 Then**

**LokasiX = 21**

**LokasiY = 162**

**alarmBaruPanel.Location = New Point(LokasiX, LokasiY)**

**lokasiTambah += 1**

**Else**

**Dim perGeserKanan = 220**

**Dim LokasiXLama = 21**

**LokasiX = LokasiXLama + (perGeserKanan \* lokasiTambah)**

**LokasiY = 162**

**lokasiTambah += 1**

**alarmBaruPanel.Location = New Point(LokasiX, LokasiY)**

**End If**

**End If**

**idAlarm += 1**

**alarmBaruPanel.Enabled = True**

**'simpan panel ke list**

**listSimpanItemAlarm.Add(alarmBaruPanel.Name)**

**listSimpanItemAlarm.Add(alarmBaruPanel.Width)**

**listSimpanItemAlarm.Add(alarmBaruPanel.Height)**

**listSimpanItemAlarm.Add(LokasiX)**

**listSimpanItemAlarm.Add(LokasiY)**

**Dim labelWaktuAlarm As Label = New Label**

**labelWaktuAlarm.Font = New Font("Microsoft Sans Serif", 10, FontStyle.Bold)**

**waktuAlarm = waktuAlarm & " WIB"**

**labelWaktuAlarm.Text = waktuAlarm**

**labelWaktuAlarm.Location = New Point(17, 17)**

**labelWaktuAlarm.Enabled = True**

**'simpan label waktu ke list**

**listSimpanItemAlarm.Add(waktuAlarm)**

**listSimpanItemAlarm.Add(17) 'lokasi XY**

**Dim deskripsiAlarm As Label = New Label**

**deskripsiAlarm.Text = deskripsi**

**deskripsiAlarm.Location = New Point(17, 41)**

**deskripsiAlarm.Enabled = True**

**'simpan deskripsi ke list**

**listSimpanItemAlarm.Add(deskripsi)**

**listSimpanItemAlarm.Add(CStr(17))**

**listSimpanItemAlarm.Add(CStr(41))**

**alarmBaruPanel.Controls.Add(labelWaktuAlarm)**

**alarmBaruPanel.Controls.Add(deskripsiAlarm)**

**'untuk pengecekan matikan alarm**

**Dim listDataAlarm As New List(Of String)({idAlarm, waktuAlarm, deskripsi, "unDone", alarmBaruPanel.Name})**

**listAlarm.Add(listDataAlarm)**

**Panel1.Controls.Add(alarmBaruPanel)**

**listSaveSemuaAlarm.Add(listSimpanItemAlarm)**

**End Sub**

**Private Sub TambahAlarmToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles NewAlarmToolStripMenuItem.Click**

**Form2.ShowDialog()**

**Me.Refresh()**

**End Sub**

**Private Sub Timer1\_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick**

**lblWaktuSekarang.Text = "Waktu Sekarang :" & DateTime.Now.ToString("HH:mm:ss WIB")**

**cekAlarmMati()**

**End Sub**

**Private Sub cekAlarmMati()**

**If listAlarm IsNot Nothing And counterBatasAlarm < 1 Then**

**For i As Integer = 0 To listAlarm.Count - 1**

**If listAlarm(i)(3) = "unDone" Then**

**If listAlarm(i)(1).Contains(DateTime.Now.ToString("HH:mm:ss WIB")) Then**

**Dim tulisanTunda As String = "Tunda"**

**Dim Form3Baru As New Form3**

**Form3Baru.lblSetWaktuAlarm.Text = listAlarm(i)(1).Trim()**

**Form3Baru.lblDeskripsi.Text = listAlarm(i)(2).Trim()**

**Form3Baru.lblHelper.Text = listAlarm(i)(4).Trim()**

**counterBatasAlarm += 1**

**Form3Baru.Show()**

**Exit For**

**End If**

**End If**

**Next**

**End If**

**End Sub**

**Private Sub BukaArsipToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles BukaArsipToolStripMenuItem.Click**

**Dim result As DialogResult = MessageBox.Show("Simpan daftar alarm saat ini ?", "AlarmKu", MessageBoxButtons.OKCancel)**

**If result = DialogResult.OK Then**

**SaveDictToFile()**

**End If**

**End Sub**

**Private Sub SaveDictToFile()**

**Using sw As New StreamWriter(Application.StartupPath & "\save.txt")**

**For Each item As List(Of String) In listSaveSemuaAlarm**

**For Each item2 As String In item**

**sw.WriteLine(item2)**

**Next**

**Next**

**sw.Flush()**

**sw.Close()**

**End Using**

**End Sub**

**Private Function LoadDictFromFile() As List(Of String)**

**If OpenFileDialog1.ShowDialog <> DialogResult.Cancel Then**

**Using sr As New StreamReader(OpenFileDialog1.FileName)**

**Dim listCoba As New List(Of String)**

**Dim coba As String**

**coba = sr.ReadToEnd**

**Dim mylist As List(Of String) = coba.Split(vbCrLf).ToList**

**sr.Close()**

**Return mylist**

**End Using**

**End If**

**End Function**

**Private Sub LoadToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles LoadToolStripMenuItem.Click**

**Dim listHasilLoad = LoadDictFromFile()**

**Dim idAlarmLoad = 1**

**Dim LokasiXLoad = 21**

**Dim LokasiYLoad = 44**

**For i As Integer = 0 To listHasilLoad.Count - 1**

**listHasilLoad(i) = listHasilLoad(i).Trim()**

**Next**

**Dim jumlahPerulangan = listHasilLoad.Count \ 10**

**For i As Integer = 1 To jumlahPerulangan**

**Dim alarmBaruPanel As New Panel**

**alarmBaruPanel.Name = listHasilLoad(0)**

**alarmBaruPanel.Height = CInt(listHasilLoad(1))**

**alarmBaruPanel.Height = CInt(listHasilLoad(2))**

**alarmBaruPanel.BackColor = Color.FromArgb(CInt(192), CInt(126), CInt(242))**

**alarmBaruPanel.Location = New Point(CInt(listHasilLoad(3)), CInt(listHasilLoad(4)))**

**alarmBaruPanel.Enabled = True**

**Dim labelWaktuAlarm As New Label**

**labelWaktuAlarm.Font = New Font("Microsoft Sans Serif", 10, FontStyle.Bold)**

**labelWaktuAlarm.Text = CStr(listHasilLoad(5))**

**labelWaktuAlarm.Location = New Point(CInt(listHasilLoad(6)), CInt(listHasilLoad(6)))**

**labelWaktuAlarm.Enabled = True**

**labelWaktuAlarm.Visible = True**

**Dim deskripsiAlarm As New Label**

**deskripsiAlarm.Text = CStr(listHasilLoad(7))**

**deskripsiAlarm.Location = New Point(CInt(listHasilLoad(8)), CInt(listHasilLoad(9)))**

**deskripsiAlarm.Enabled = True**

**alarmBaruPanel.Controls.Add(labelWaktuAlarm)**

**alarmBaruPanel.Controls.Add(deskripsiAlarm)**

**Panel1.Controls.Add(alarmBaruPanel)**

**Dim listDataAlarm As New List(Of String)({CStr(idAlarmLoad), labelWaktuAlarm.Text, deskripsiAlarm.Text, "unDone", alarmBaruPanel.Name})**

**listAlarm.Add(listDataAlarm)**

**'untuk hapus 10 item pertama dalam list**

**For ii As Integer = 0 To 9**

**listHasilLoad.RemoveAt(0)**

**Next**

**idAlarmLoad += 1**

**Next**

**End Sub**

**Private Sub KeluarToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles KeluarToolStripMenuItem.Click**

**Dim result As DialogResult = MessageBox.Show("Keluar Aplikasi ? ", "AlarmKu", MessageBoxButtons.OKCancel)**

**If result = DialogResult.OK Then**

**Me.Close()**

**End If**

**End Sub**

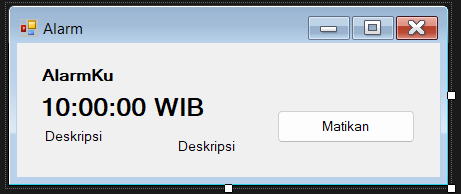
**Private Sub MenuStrip1\_ItemClicked(sender As Object, e As ToolStripItemClickedEventArgs) Handles MenuStrip1.ItemClicked**

**End Sub**

**Private Sub Panel1\_Paint(sender As Object, e As PaintEventArgs) Handles Panel1.Paint**

**End Sub**

**End Class**

****

**Imports System.Windows.Forms.VisualStyles.VisualStyleElement.Status**

**Public Class Form3**

**'untuk menaruh data nama panel sementara (untuk proses hapus panel setelah alarm dimatikan)**

**Public dataTemp As String**

**Private Sub Form3\_Load(sender As Object, e As EventArgs) Handles MyBase.Load**

**Me.StartPosition = FormStartPosition.Manual**

**Me.Location = New Point(Screen.PrimaryScreen.WorkingArea.Width - Me.Width, Screen.PrimaryScreen.WorkingArea.Height - Me.Height)**

**PlayLoopingBackgroundSoundFile()**

**End Sub**

**Private Sub btnMatikan\_Click(sender As Object, e As EventArgs) Handles btnMatikan.Click**

**My.Computer.Audio.Stop()**

**Form1.counterBatasAlarm -= 1**

**'MsgBox(lblHelper.Text)**

**For Each Control As Control In Form1.Panel1.Controls**

**If TypeOf Control Is Panel And Control.Name.Trim() = lblHelper.Text Then**

**Form1.listAlarm(dataTemp)(4) = "Done"**

**Form1.Panel1.Controls.Remove(Control)**

**End If**

**Next**

**Me.Close()**

**End Sub**

**Sub PlayLoopingBackgroundSoundFile()**

**My.Computer.Audio.Play(Application.StartupPath & "\" & "morning\_flower.wav")**

**End Sub**

**End Class**

**Public Class Form2**

**Private Sub Timer1\_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick**

**lblTimeNow.Text = "Waktu Sekarang :" & DateTime.Now.ToString("HH:mm:ss WIB")**

**End Sub**

**Private Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click**

**Dim jam = CInt(txtBoxHour.Text)**

**If jam = 0 Then**

**jam += 1**

**ElseIf jam > 0 And jam < 24 Then**

**jam += 1**

**End If**

**If jam < 10 Then**

**txtBoxHour.Text = "0" & CStr(jam)**

**Else**

**txtBoxHour.Text = CStr(jam)**

**End If**

**End Sub**

**Private Sub Button5\_Click(sender As Object, e As EventArgs) Handles Button5.Click**

**Dim jam = CInt(txtBoxHour.Text)**

**If jam = 0 Then**

**'tidak melakukan apapun**

**ElseIf jam > 0 And jam < 25 Then**

**jam -= 1**

**End If**

**If jam < 10 Then**

**txtBoxHour.Text = "0" & CStr(jam)**

**Else**

**txtBoxHour.Text = CStr(jam)**

**End If**

**End Sub**

**Private Sub Button4\_Click(sender As Object, e As EventArgs) Handles Button4.Click**

**Dim menit = CInt(txtBoxMinutes.Text)**

**If menit = 0 Then**

**menit += 1**

**ElseIf menit > 0 And menit < 60 Then**

**menit += 1**

**End If**

**If menit < 10 Then**

**txtBoxMinutes.Text = "0" & CStr(menit)**

**Else**

**txtBoxMinutes.Text = CStr(menit)**

**End If**

**End Sub**

**Private Sub Button2\_Click(sender As Object, e As EventArgs) Handles Button2.Click**

**Dim menit = CInt(txtBoxMinutes.Text)**

**If menit = 0 Then**

**'tidak melakukan apapun**

**ElseIf menit > 0 And menit < 61 Then**

**menit -= 1**

**End If**

**If menit < 10 Then**

**txtBoxMinutes.Text = "0" & CStr(menit)**

**Else**

**txtBoxMinutes.Text = CStr(menit)**

**End If**

**End Sub**

**Private Sub Button3\_Click(sender As Object, e As EventArgs) Handles Button3.Click**

**Dim detik = CInt(txtBoxSecond.Text)**

**If detik = 0 Then**

**detik += 1**

**ElseIf detik > 0 And detik < 60 Then**

**detik += 1**

**End If**

**If detik < 10 Then**

**txtBoxSecond.Text = "0" & CStr(detik)**

**Else**

**txtBoxSecond.Text = CStr(detik)**

**End If**

**End Sub**

**Private Sub Button6\_Click(sender As Object, e As EventArgs) Handles Button6.Click**

**Dim detik = CInt(txtBoxSecond.Text)**

**If detik = 0 Then**

**'tidak melakukan apapun**

**ElseIf detik > 0 And detik < 61 Then**

**detik -= 1**

**End If**

**If detik < 10 Then**

**txtBoxSecond.Text = "0" & CStr(detik)**

**Else**

**txtBoxSecond.Text = CStr(detik)**

**End If**

**End Sub**

**Private Sub Button8\_Click(sender As Object, e As EventArgs) Handles Button8.Click**

**If txtDeskripsi.Text <> "" Then**

**If Form1.idAlarm <> 9 Then**

**Dim setWaktuAlarm = CStr(txtBoxHour.Text) & ":" & CStr(txtBoxMinutes.Text) & ":" & CStr(txtBoxSecond.Text)**

**Dim deskripsiAlarm = txtDeskripsi.Text**

**'MsgBox(setWaktuAlarm & deskripsiAlarm & tundaAlarm)**

**Form1.generateAlarm(setWaktuAlarm, deskripsiAlarm)**

**Me.Close()**

**Else**

**MsgBox("Hanya dapat menambah 8 alarm")**

**End If**

**Else**

**MsgBox("Semua kolom harus diisi")**

**End If**

**End Sub**

**Private Sub Form2\_Load(sender As Object, e As EventArgs) Handles MyBase.Load**

**txtBoxHour.Text = DateTime.Now.ToString("HH")**

**txtBoxMinutes.Text = DateTime.Now.ToString("mm")**

**txtBoxSecond.Text = DateTime.Now.ToString("ss")**

**End Sub**

**End Class**

**Array list**

**' membuat array list baru**

**Dim myList As New ArrayList()**

**' menambahkan elemen ke dalam array list**

**myList.Add("elemen 1")**

**myList.Add("elemen 2")**

**myList.Add("elemen 3")**

**' mengakses elemen di dalam array list**

**Dim elemenPertama As String = myList(0)**

**Dim elemenKedua As String = myList(1)**

**' mengubah nilai elemen dalam array list**

**myList(0) = "elemen baru"**

**' menghapus elemen dari array list**

**myList.RemoveAt(2)**

**' menghitung jumlah elemen dalam array list**

**Dim jumlahElemen As Integer = myList.Count**

**Dim openFileDialog1 As New OpenFileDialog()**

**openFileDialog1.Filter = "File gambar (\*.jpg;\*.png;\*.gif)|\*.jpg;\*.png;\*.gif|Semua file (\*.\*)|\*.\*"**

**If openFileDialog1.ShowDialog() = DialogResult.OK Then**

**' Mengambil path file gambar**

**Dim imagePath As String = openFileDialog1.FileName**

**' Menampilkan gambar di PictureBox**

**PictureBox1.Image = Image.FromFile(imagePath)**

**End If**

**Jawaban**

**Imports System.IO.File**

**Public Class Form1**

**Dim dataList As New ArrayList()**

**Private Sub btnLoadData\_Click(sender As Object, e As EventArgs) Handles btnLoadData.Click**

**Dim filePath As String = "D:\Latihan\Desktop\Data Mahasiswa\data.txt"**

**LoadDataFromFile2(filePath)**

**' Looping untuk mengakses setiap elemen dalam array**

**For i As Integer = 0 To dataList.Count - 1**

**' Menambahkan elemen ke dalam label dengan tanda koma sebagai pemisah**

**Label5.Text &= dataList(i) & ", "**

**Next**

**' Menghilangkan tanda koma terakhir**

**Label5.Text = Label5.Text.TrimEnd(", ")**

**' Membuka dialog untuk memilih file gambar**

**Dim imagePath As String = "D:\Latihan\Desktop\Data Mahasiswa\1.png"**

**' Menampilkan gambar di PictureBox**

**PictureBox1.Image = Image.FromFile(imagePath)**

**dataList.Clear()**

**End Sub**

**' Menampilkan gambar di PictureBox**

**Private Sub LoadDataFromFile2(ByVal filePath As String)**

**' Mendapatkan data dari file teks**

**Dim lines() As String = System.IO.File.ReadAllLines(filePath)**

**' Mendeklarasikan ArrayList untuk menyimpan data**

**' Looping untuk memasukkan setiap data ke dalam ArrayList**

**For Each line As String In lines**

**Dim data() As String = line.Split(";")**

**For Each d As String In data**

**dataList.Add(d)**

**Next**

**Next**

**End Sub**

**End Class**

**Dim doubleAngka As Double = 123.456**

**Dim stringAngka As String = doubleAngka.ToString()**

**Dim stringAngka As String = "123.456"**

**Dim doubleAngka As Double = Double.Parse(stringAngka)**

**'atau**

**Dim stringAngka As String = "123.456"**

**Dim doubleAngka As Double**

**If Double.TryParse(stringAngka, doubleAngka) Then**

**' konversi berhasil**

**Else**

**' konversi gagal**

**End If**

**Private Sub EditData(ByVal filePath As String, ByVal baris As Integer, ByVal newData As String)**

**' Membaca seluruh data dari file ke memori**

**Dim data() As String = File.ReadAllLines(filePath)**

**' Mengedit baris yang diinginkan**

**data(baris - 1) = newData ' array index dimulai dari 0, sedangkan baris dimulai dari 1, maka harus dikurangi 1**

**' Menulis seluruh data yang telah diubah kembali ke file**

**File.WriteAllLines(filePath, data)**

**End Su**

**Private Sub btnEdit\_Click(sender As Object, e As EventArgs) Handles btnEdit.Click**

**' Mendapatkan lokasi file teks dan nomor baris dari TextBox**

**Dim filePath As String = txtFilePath.Text**

**Dim baris As Integer = CInt(txtBaris.Text)**

**' Mendapatkan data yang baru dari TextBox**

**Dim newData As String = txtNewData.Text**

**' Mengedit data pada file teks**

**EditData(filePath, baris, newData)**

**End Sub**

**System.IO.File dan method System.IO.File.WriteAllLines(). Berikut adalah contoh kode untuk mengedit file teks perbaris:**

**vb.net**

**Copy code**

**Private Sub EditDataInFile(ByVal filePath As String, ByVal lineNumber As Integer, ByVal newData As String)**

**' Memuat data dari file teks ke array of string**

**Dim lines() As String = File.ReadAllLines(filePath)**

**' Mengganti data pada baris tertentu**

**lines(lineNumber - 1) = newData**

**' Menulis kembali data yang telah diubah ke file teks**

**File.WriteAllLines(filePath, lines)**

**End Sub**

**Private Sub btnEdit\_Click(sender As Object, e As EventArgs) Handles btnEdit.Click**

**' Mendapatkan lokasi file teks dari TextBox**

**Dim filePath As String = txtFilePath.Text**

**' Mendapatkan nomor baris yang akan diubah dari TextBox**

**Dim lineNumber As Integer = CInt(txtLineNumber.Text)**

**' Mendapatkan data baru dari TextBox**

**Dim newData As String = txtNewData.Text**

**' Mengedit data pada file teks perbaris**

**EditDataInFile(filePath, lineNumber, newData)**

**End Sub**

**Private Sub LoadDataFromFile(ByVal filePath As String)**

**' Mendapatkan data dari file teks**

**Dim lines() As String = File.ReadAllLines(filePath)**

**' Mendeklarasikan ArrayList untuk menyimpan data**

**Dim dataList As New ArrayList()**

**' Looping untuk memasukkan setiap data ke dalam ArrayList**

**For Each line As String In lines**

**Dim data() As String = line.Split(";")**

**For Each d As String In data**

**dataList.Add(d)**

**Next**

**Next**

**End Sub**

**Private Sub LoadDataFromFile(ByVal filePath As String)**

**' Mendapatkan data dari file teks**

**Dim lines() As String = File.ReadAllLines(filePath)**

**' Mendeklarasikan ArrayList untuk menyimpan data**

**Dim dataList As New ArrayList()**

**' Looping untuk memasukkan setiap data ke dalam ArrayList**

**For Each line As String In lines**

**Dim data() As String = line.Split(";")**

**For Each d As String In data**

**dataList.Add(d)**

**Next**

**Next**

**End Sub**

**Private Sub btnLoadData\_Click(sender As Object, e As EventArgs) Handles btnLoadData.Click**

**' Mendapatkan lokasi file teks dari TextBox**

**Dim filePath As String = txtFilePath.Text**

**' Memuat data dari file teks dan menyimpannya ke dalam ArrayList**

**LoadDataFromFile(filePath)**

**End Sub**