APPLICATION PROGRAMMING

GROUP WORK
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WelcomeForm

Public Class WelcomeForm

```
    Private Sub LoadObjectDemoButton_MouseHover(sender As Object, e As EventArgs) Handles
LoadObjectDemoButton.MouseHover
        ToolTip1.Show("Press here to load the Object Form", LoadObjectDemoButton)

    End Sub

    Private Sub ExitButton_MouseHover(sender As Object, e As EventArgs) Handles ExitButton.MouseHover
        ToolTip2.Show("Click here to exit application", ExitButton)
    End Sub

    Private Sub LoadObjectDemoButton_Click(sender As Object, e As EventArgs) Handles
LoadObjectDemoButton.Click
        Me.Hide()
        ObjectDemonstrations.Show()
    End Sub

    Private Sub ExitButton_Click(sender As Object, e As EventArgs) Handles ExitButton.Click
        Me.Close()

    End Sub

    Private Sub WelcomeForm_Click(sender As Object, e As EventArgs) Handles MyBase.Click
        WindowState = FormWindowState.Maximized
        BackColor = Color.Red
    End Sub


End Class
```

Object Demonstrations Form

Imports System.Windows.Forms.VisualStyles.VisualStyleElement

Public Class ObjectDemonstrations

    Private Sub ItalicBoldCheckBox_CheckedChanged(sender As Object, e As EventArgs) Handles
ItalicBoldCheckBox.CheckedChanged
        UpdateFontStyle()
    End Sub
    Private Sub UpdateFontStyle()
        Dim fontStyle As FontStyle = FontStyle.Regular

        ' Check if italic and bold checkbox is checked
        If ItalicBoldCheckBox.Checked Then
            fontStyle = fontStyle Or FontStyle.Italic Or FontStyle.Bold
        End If

        ' Apply the combined font style to the textbox
        EnterTextBox.Font = New Font(EnterTextBox.Font, fontStyle)
    End Sub

    Private Sub ItalicCheckBox_CheckedChanged(sender As Object, e As EventArgs) Handles
ItalicCheckBox.CheckedChanged

        If ItalicCheckBox.Checked Then
            EnterTextBox.Font = New Font(ItalicCheckBox.Font, ItalicCheckBox.Font.Style Or
FontStyle.Italic)
        Else
            EnterTextBox.Font = New Font(ItalicCheckBox.Font, ItalicCheckBox.Font.Style And Not FontStyle.Italic)
        End If
    End Sub

    Private Sub BoldCheckBox_CheckedChanged(sender As Object, e As EventArgs) Handles
BoldCheckBox.CheckedChanged
        If BoldCheckBox.Checked Then
            EnterTextBox.Font = New Font(BoldCheckBox.Font, BoldCheckBox.Font.Style Or
FontStyle.Bold)
        Else
            EnterTextBox.Font = New Font(BoldCheckBox.Font, BoldCheckBox.Font.Style And Not FontStyle.Bold)
        End If
    End Sub

    Private Sub GreenRadioButton_CheckedChanged(sender As Object, e As EventArgs) Handles
GreenRadioButton.CheckedChanged
        If GreenRadioButton.Checked Then
            EnterTextBox.ForeColor = Color.Green
        Else
            ' Set the font color back to default when unchecked
            EnterTextBox.ForeColor = SystemColors.ControlText
        End If

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    End Sub

    Private Sub BlueRadioButton_CheckedChanged(sender As Object, e As EventArgs) Handles
BlueRadioButton.CheckedChanged
        If BlueRadioButton.Checked Then
            EnterTextBox.ForeColor = Color.Blue
        Else
            ' Set the font color back to default when unchecked
            EnterTextBox.ForeColor = SystemColors.ControlText
        End If
    End Sub

    Private Sub RedRadioButton_CheckedChanged(sender As Object, e As EventArgs) Handles
RedRadioButton.CheckedChanged
        If RedRadioButton.Checked Then
            EnterTextBox.ForeColor = Color.Red
        Else
            ' Set the font color back to default when unchecked
            EnterTextBox.ForeColor = SystemColors.ControlText
        End If
    End Sub

    Private Sub TahomaRadioButton_CheckedChanged(sender As Object, e As EventArgs) Handles
TahomaRadioButton.CheckedChanged
        If TahomaRadioButton.Checked Then
            EnterTextBox.Font = New Font("Tahoma", EnterTextBox.Font.Size, EnterTextBox.Font.Style)
        Else
            ' Set the font back to default when unchecked
            EnterTextBox.Font = New Font(DefaultFont.FontFamily, EnterTextBox.Font.Size, EnterTextBox.Font.Style)
        End If
    End Sub

    Private Sub MagnetoRadioButton_CheckedChanged(sender As Object, e As EventArgs) Handles
MagnetoRadioButton.CheckedChanged
        If MagnetoRadioButton.Checked Then
            EnterTextBox.Font = New Font("Magneto", MagnetoRadioButton.Font.Size,
EnterTextBox.Font.Style)
        Else
            ' Set the font back to default when unchecked
            EnterTextBox.Font = New Font(DefaultFont.FontFamily, EnterTextBox.Font.Size,
EnterTextBox.Font.Style)
        End If
    End Sub

    Private Sub GaramondRadioButton_CheckedChanged(sender As Object, e As EventArgs) Handles
GaramondRadioButton.CheckedChanged
        If GaramondRadioButton.Checked Then
            EnterTextBox.Font = New Font("Garamond", EnterTextBox.Font.Size, EnterTextBox.Font.Style)
        Else
            ' Set the font back to default when unchecked
            EnterTextBox.Font = New Font(DefaultFont.FontFamily, EnterTextBox.Font.Size,
EnterTextBox.Font.Style)
```

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        End If
    End Sub

    Private Sub LoadPictureButton_Click(sender As Object, e As EventArgs) Handles LoadPictureButton.Click
        ' Create an instance of OpenFileDialog
        Dim openFileDialog As New OpenFileDialog()

        ' Set the filter to only allow image files
        openFileDialog.Filter = "Image Files(*.png;*.jpg;*.jpeg;*.gif;*.bmp)|*.png;*.jpg;*.jpeg;*.gif;*.bmp|All files
(*.*)|*.*"

        ' Set the initial directory (optional)
        openFileDialog.InitialDirectory = "C:\"

        ' Show the dialog and check if the user selected a file
        If openFileDialog.ShowDialog() = DialogResult.OK Then
            ' Get the selected file path
            Dim imagePath As String = openFileDialog.FileName

            ' Display the image in PictureBox1
            LoadPictureBox.Image = Image.FromFile(imagePath)
        End If
    End Sub

    Private Sub ExitButton_Click(sender As Object, e As EventArgs) Handles ExitButton.Click
        WelcomeForm.Show()
        Me.Close()
    End Sub

End Class
```

Welcoming Form

Load Object Demo

EXIT

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help 🔎 Search GroupWorkAttempt

Sign in

⏴ GitHub Copilot

Debug Any CPU ▶ Continue 🔥 ⏸ ⏹

Form3.vb Form1.vb ✕ Form3.vb [Design] Form1.vb [Design]

Diagnostic Tools

GroupWorkAttempt WelcomeForm LoadObjectDemoButton_Click

Object demonstrations

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Font Style	Font Color
☐ Italic	○ Green
☐ Bold	○ Blue
☐ Italic Bold	○ Red

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ry Usage

Load Picture

Exit

Solution Explorer

Search Solution Explorer (Ctrl+;)

🔍 Solution 'GroupWorkAttempt' (1 of 1 project)
  ▷ 🗂 External Sources
  ▲ 📦 GroupWorkAttempt
    ▷ 📦 Dependencies
      🔒 My Project
    ▷ VB ApplicationEvents.vb
    ▷ 📄 Form1.vb
    ▷ 📄 Form3.vb

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Error List

Object demonstrations

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Font Style
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Load Picture

Exit