



70-505

(TS: Microsoft .NET Framework 3.5, Windows Forms Application Development)

Document version: 9.30.06

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Microsoft 70-505(VB)

Question: 1.

You are creating a Windows Forms application by using the .NET Framework 3.5. The application requires a form to display a clock. You need to create a circular form to display the clock. Which code segment should you use?

- A. `Me.FormBorderStyle = System.Windows.Forms.FormBorderStyle.None` `Dim path As New System.Drawing.Drawing2D.GraphicsPath()` `path.AddEllipse(0, 0, Me.Width, Me.Height)` `Dim reg As New Region()` `Me.Region = reg`
- B. `Me.FormBorderStyle = System.Windows.Forms.FormBorderStyle.FixedSingle` `Dim path As New System.Drawing.Drawing2D.GraphicsPath()` `path.AddEllipse(0, 0, Me.Width, Me.Height)` `Dim reg As New Region(path)` `Me.Region = reg`
- C. `Me.FormBorderStyle = System.Windows.Forms.FormBorderStyle.None` `Dim path As New System.Drawing.Drawing2D.GraphicsPath()` `path.AddEllipse(0, 0, Me.Width, Me.Height)` `Dim reg As New Region(path)` `Me.Region = reg`
- D. `Me.FormBorderStyle = System.Windows.Forms.FormBorderStyle.FixedSingle` `Dim path As New System.Drawing.Drawing2D.GraphicsPath()` `path.AddEllipse(0, 0, Me.Width, Me.Height)` `Dim reg As New Region()` `Me.Region = reg`

Answer: C

Question: 2.

You are creating a Windows Forms application by using the .NET Framework 3.5. You create a new form in your application. You add a SplitContainer control named `spcFrame` to the form. The SplitContainer control has two SplitterPanel controls named `Panel1` and `Panel2`. You are configuring the SplitContainer control to define the layout of the form. You need to ensure that the following requirements are met: The initial distance from the left edge of the `spcFrame` splitter is set to 200 pixels. The size of the `Panel2` SplitterPanel remains unchanged when the form is resized. Which code segment should you use?

- A. `spcFrame.Panel1MinSize = 200` `spcFrame.FixedPanel = FixedPanel.Panel1`
- B. `spcFrame.IsSplitterFixed = True` `spcFrame.SplitterWidth = 200`
- C. `spcFrame.SplitterDistance = 200` `spcFrame.FixedPanel = FixedPanel.Panel2`
- D. `spcFrame.Panel2MinSize = 0` `spcFrame.SplitterIncrement = 200`

Answer: C

Question: 3.

You are creating a Windows Forms application by using the .NET Framework 3.5. You create a new form in the application. You add a ContextMenuStrip control named ctxMenu to the form. You have a user-defined class named CustomControl. You write the following code segment in the application. (Line numbers are included for reference only.)
01 Dim myControl As New CustomControl()
02 You need to ensure that an instance of CustomControl is displayed on the form as a top-level item of the ctxMenu control. Which code segment should you add at line 02?

- A. Dim host As New ToolStripControlHost(myControl) ctxMenu.Items.Add(host)
- B. Dim panel As New ToolStripPanel() panel.Controls.Add(myControl)
ctxMenu.Controls.Add(panel)
- C. Dim panel As New ToolStripContentPanel() panel.Controls.Add(myControl)
ctxMenu.Controls.Add(panel)
- D. Dim menuItem As New ToolStripMenuItem() Dim host As New
ToolStripControlHost(myControl) menuItem.DropDownItems.Add(host)
ctxMenu.Items.Add(menuItem)

Answer: A

Question: 4.

You are creating a Windows Forms application by using the .NET Framework 3.5. You create a new form in your application. You add a PrintDocument control named pntDoc to the form. To support the print functionality, you write the following code segment in the application. (Linenumbers are included for reference only.)
01 AddHandler pntDoc.BeginPrint, _ AddressOf PrintDoc_BeginPrint
02 ...
03 Dim canPrint As Boolean = CheckPrintAccessControl()
04 If canPrint = False Then
05
06 End If
07
You need to ensure that the following requirements are met: When the user has no print access, font and file stream initializations are not executed and the print operation is cancelled. Print operations are logged whether or not the user has print access. What should you do?

- A. Add the following code segment at line 05. RemoveHandler pntDoc.BeginPrint, AddressOf PrintDoc_BeginPrint
AddHandler pntDoc.BeginPrint, _ function(obj1, args1) args1.Cancel = True Add the following code segment at line 07. AddHandler pntDoc.BeginPrint, AddressOf LogPrintOperation
- B. Add the following code segment at line 05. AddHandler pntDoc.BeginPrint, AddressOf EmptyEventHandler Add the following code segment at line 07. RemoveHandler pntDoc.BeginPrint, AddressOf PrintDoc_BeginPrint AddHandler pntDoc.BeginPrint, AddressOf LogPrintOperation
- C. Add the following code segment at line 05. RemoveHandler pntDoc.BeginPrint, AddressOf

PrintDoc_BeginPrint RemoveHandler pntDoc.BeginPrint, AddressOf EmptyEventHandler Add the following code segment at line 07. RemoveHandler pntDoc.BeginPrint, AddressOf LogPrintOperation

D. Add the following code segment at line 05. AddHandler pntDoc.BeginPrint, _ function(obj1, args1) args1.Cancel = True Add the following code segment at line 07. AddHandler pntDoc.BeginPrint, AddressOf PrintDoc_BeginPrint RemoveHandler pntDoc.BeginPrint, AddressOf LogPrintOperation

Answer: A

Question: 5.

You are creating a Windows Forms application by using the .NET Framework 3.5. You plan to modify a list of orders within a DataGridView control in the application. You need to ensure that a value is required in the first column of the grid control. Which code segment should you use?

A. Private Sub dataGridOrders_CellValidated(_ ByVal sender As Object, _ ByVal e As DataGridViewCellEventArgs) _ Handles dataGridOrders.CellValidated If e.ColumnIndex = 0 Then Dim cellValue = dataGridOrders(e.ColumnIndex, e.RowIndex).Value If cellValue = Nothing _ Or String.IsNullOrEmpty(cellValue.ToString()) Then dataGridOrders.EndEdit() End If End If End Sub

B. Private Sub dataGridOrders_Validated(_ ByVal sender As Object, _ ByVal e As EventArgs) _ Handles dataGridOrders.Validated If dataGridOrders.CurrentCell.ColumnIndex = 0 Then Dim cellValue = dataGridOrders.Text If cellValue = Nothing Or _ String.IsNullOrEmpty(cellValue.ToString()) Then dataGridOrders.EndEdit() End If End If End Sub

C. Private Sub dataGridOrders_Validating(_ ByVal sender As Object, _ ByVal e As CancelEventArgs) _ Handles dataGridOrders.Validating If dataGridOrders.CurrentCell.ColumnIndex = 0 Then Dim cellValue = dataGridOrders.Text If cellValue = Nothing Or _ String.IsNullOrEmpty(cellValue.ToString()) Then e.Cancel = True End If End If End Sub

D. Private Sub dataGridOrders_CellValidating(_ ByVal sender As Object, _ ByVal e As DataGridViewCellValidatingEventArgs) _ Handles dataGridOrders.CellValidating If e.ColumnIndex = 0 Then If e.FormattedValue = Nothing _ Or String.IsNullOrEmpty(e.FormattedValue.ToString()) Then e.Cancel = True End If End If End Sub

Answer: D

Question: 6.

You are creating a Windows Forms application by using the .NET Framework 3.5. You write the following code segment to bind a list of categories to a drop-down list. (Line numbers are included for reference only.)

```
01 Dim cnnNorthwind As OleDbConnection = _ New
OleDbConnection(connectionString)
02 Dim cmdCategory As OleDbCommand = New
OleDbCommand( _ "SELECT CategoryID, CategoryName FROM Categories ORDER BY
CategoryName", cnnNorthwind)
03 Dim daCategory As OleDbDataAdapter = _ New
OleDbDataAdapter(cmdCategory)
04 Dim dsCategory As DataSet = New DataSet()
05 daCategory.Fill(dsCategory)
```

You need to ensure that the drop-down list meets the following requirements: Displays all category names. Uses the category ID as the selected item value. Which code segment should you add at line 06?

- A. `ddlCategory.DataSource = dsCategory` `ddlCategory.DisplayMember = "CategoryName"`
`ddlCategory.ValueMember = "CategoryID"`
- B. `ddlCategory.DataSource = dsCategory.Tables(0)` `ddlCategory.DisplayMember =`
`"CategoryName"` `ddlCategory.ValueMember = "CategoryID"`
- C. `ddlCategory.DataBindings.Add("DisplayMember", _`
`dsCategory, "CategoryName")` `ddlCategory.DataBindings.Add("ValueMember", _` `dsCategory,`
`"CategoryID")`
- D. `ddlCategory.DataBindings.Add("DisplayMember", _` `dsCategory.Tables(0), "CategoryName")`
`ddlCategory.DataBindings.Add("ValueMember", _` `dsCategory.Tables(0), "CategoryID")`

Answer: B

Question: 7.

You are creating a Windows Forms application by using the .NET Framework 3.5. You write a code segment to connect to a Microsoft Access database and populate a DataSet. You need to ensure that the application meets the following requirements: It displays all database exceptions. It logs all other exceptions by using the `LogExceptionToFile`. Which code segment should you use?

- A. `Try` `categoryDataAdapter.Fill(dsCategory)` `Catch ex As SqlException`
`MessageBox.Show(ex.Message, "Exception")` `LogExceptionToFile(ex.Message)` `End Try`
- B. `Try` `categoryDataAdapter.Fill(dsCategory)` `Catch ex As SqlException`
`MessageBox.Show(ex.Message, "Exception")` `Catch ex As Exception`
`LogExceptionToFile(ex.Message)` `End Try`
- C. `Try` `categoryDataAdapter.Fill(dsCategory)` `Catch ex As OleDbException`
`MessageBox.Show(ex.Message, "Exception")` `Catch ex As Exception`
`LogExceptionToFile(ex.Message)` `End Try`
- D. `Try`
`categoryDataAdapter.Fill(dsCategory)` `Catch ex As OleDbException`
`MessageBox.Show(ex.Message, "Exception")` `LogExceptionToFile(ex.Message)` `End Try`

Answer: C

Question: 8.

You are creating a Windows Forms application by using the .NET Framework 3.5. You need to populate a list box control along with category names by using a DataReader control. Which code segment should you use?

- A. `Dim reader As OleDbDataReader Dim cnnNorthwind As OleDbConnection = New _
OleDbConnection(connectionString)
cnnNorthwind.Open() Dim cmdCategory As OleDbCommand = New _
OleDbCommand("SELECT * FROM Categories", cnnNorthwind) reader =
cmdCategory.ExecuteReader() while reader.Read()
lbCategories.Items.Add(reader("CategoryName")) End While cnnNorthwind.Close()`
- B. `Dim reader As OleDbDataReader Dim cnnNorthwind As OleDbConnection = New _
OleDbConnection(connectionString) cnnNorthwind.Open() Dim cmdCategory As
OleDbCommand = New _ OleDbCommand("SELECT * FROM Orders", cnnNorthwind) reader
= cmdCategory.ExecuteReader() while reader.NextResult()
lbCategories.Items.Add(reader("CategoryName")) End While cnnNorthwind.Close()`
- C. `Dim reader As OleDbDataReader Dim cnnNorthwind As OleDbConnection = New _
OleDbConnection(connectionString) cnnNorthwind.Open() Dim cmdCategory As
OleDbCommand = New _ OleDbCommand("SELECT * FROM Orders", cnnNorthwind) reader
= cmdCategory.ExecuteReader() cnnNorthwind.Close() while reader.Read()
lbCategories.Items.Add(reader("CategoryName")) End While cnnNorthwind.Close()`
- D. `Dim reader As OleDbDataReader Using cnnNorthwind As OleDbConnection = New _
OleDbConnection(connectionString) cnnNorthwind.Open() Dim cmdCategory As
OleDbCommand = New _ OleDbCommand("SELECT * FROM Orders", cnnNorthwind) reader
= cmdCategory.ExecuteReader() End Using while reader.Read()
lbCategories.Items.Add(reader("CategoryName")) End While
cnnNorthwind.Close()`

Answer: A

Question: 9.

You are creating a Windows Forms application by using the .NET Framework 3.5. The application stores a list of part numbers in an integer-based array as shown in the following code segment. (Line numbers are included for reference only.)
01 Dim parts() As Integer = _ {105, 110, 110, 235, 105, _ 135, 137, 205, 105, 100, 100}
03 For Each item In results 04 tbResults.Text += item.ToString() & vbCrLf 05 Next
You need to use a LINQ to Objects query to perform the following tasks: Obtain a list of duplicate part numbers. Order the list by part numbers. Provide the part numbers and the total

count of part numb

- A. Dim results = (F
n, Count = n1.Cou
- B. Dim results = (F
Order By n1 _ Sel
- C. Dim results = (F
n1.Count() > 1 _
- D. Dim results = (F
n1.Count() > 1 _ S

insert at line 02?

```
Group _ Select Key =
n1.Count() > 1 _
Group _ Where
Group _ Where
```

Answer: D

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