

Exam : Microsoft 70-528

**Title : MS.NET Framework
2.0-Web-based Client
Development**

Version : Demo



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1. Your Web site uses custom Themes. Your Web site must support additional Themes based on the user's company name.

The company name is set when a user logs on to the Web site. The company's Theme name is stored in a variable named ThemeName.

You need to use this variable to dynamically set the Web site's Theme.

What should you do?

A. Add the following code segment to the markup source of each page on the Web site.

```
<%@ Page Theme="ThemeName" ... %>
```

B. Add the following code segment to the Load event of each page on the Web site.

```
Page.Theme = ThemeName;
```

C. Add the following code segment to the PreInit event of each page on the Web site.

```
Page.Theme = ThemeName;
```

D. Add the following code segment to the Web site's configuration file.

```
<pages theme="ThemeName" />
```

Answer: C

2. Your Web site uses custom Themes. Your Web site must support additional Themes based on the user's company name.

The company name is set when a user logs on to the Web site. The company's Theme name is stored in a variable named ThemeName.

You need to use this variable to dynamically set the Web site's Theme.

What should you do?

A. Add the following code segment to the markup source of each page on the Web site.

```
<%@ Page Theme="ThemeName" ... %>
```

B. Add the following code segment to the Load event of each page on the Web site.

```
Page.Theme = ThemeName
```

C. Add the following code segment to the PreInit event of each page on the Web site.

```
Page.Theme = ThemeName
```

D. Add the following code segment to the Web site's configuration file.

```
<pages theme="ThemeName" />
```

Answer: C

3. You write a Web application. This application must support multiple languages. You store the localized strings in the application as resources. You want these resources to be accessed according to a users language preference. You create the following resource files in the App_GlobalResources folder of your application.

Each resource file stores a localized version of the following strings: Name, E-mail, Address, and Phone. You create a Web Form that contains one label for each of these strings.

You need to ensure that the correct localized version of each string is displayed in each label, according to a users language preference.

What should you do?

A. Add the following configuration section to the Web.config file.

```
<globalization culture="Auto" />
```

B. Set the directive for each page in your site as follows:

```
<%@ Page UICulture="Auto" %>
```

C. Add the following code segment to the pages load event.

```
lblName.Text = @"{myStrings}Name";  
lblAddress.Text = @"{myStrings}Address";  
lblEmail.Text = @"{myStrings}Email";  
lblPhone.Text = @"{myStrings}Phone";
```

D. Add the following code segment to the pages load event.

```
lblName.Text = Resources.myStrings.Name;  
lblAddress.Text = Resources.myStrings.Address;  
lblEmail.Text = Resources.myStrings.Email;  
lblPhone.Text = Resources.myStrings.Phone;
```

Answer: D

4. You write a Web application. This application must support multiple languages. You store the localized strings in the application as resources. You want these resources to be accessed according to a users language preference. You create the following resource files in the App_GlobalResources folder of your application.

Each resource file stores a localized version of the following strings: Name, E-mail, Address, and Phone. You create a Web Form that contains one label for each of these strings.

You need to ensure that the correct localized version of each string is displayed in each label, according to a users language preference.

What should you do?

A. Add the following configuration section to the Web.config file.

```
<globalization culture="Auto" />
```

B. Set the directive for each page in your site as follows:

```
<%@ Page UICulture="Auto" %>
```

C. Add the following code segment to the pages load event.

```
lblName.Text = "{myStrings}Name"  
lblAddress.Text = "{myStrings}Address"  
lblEmail.Text = "{myStrings}Email"  
lblPhone.Text = "{myStrings}Phone"
```

D. Add the following code segment to the pages load event.

```
lblName.Text = Resources.myStrings.Name  
lblAddress.Text = Resources.myStrings.Address  
lblEmail.Text = Resources.myStrings.Email  
lblPhone.Text = Resources.myStrings.Phone
```

Answer: D

5. You create a Web Form. The Web Form allows users to calculate values and display the results in a label named lblResults.

You need to capture all unhandled exceptions on the Web Form through the Error event. The Error event must capture each unhandled exception and display it on the Web Form.

Which code segment should you use?

- A.

```
protected void Page_Error(object sender, EventArgs e) {  
    lblResults.Text = e.ToString();  
    e=null;  
}
```
- B.

```
protected void Page_Error(object sender, EventArgs e) {  
    lblResults.Text = Server.GetLastError().ToString();  
    Server.ClearError();  
}
```
- C.

```
protected void Page_Error(object sender, EventArgs e) {  
    Response.Write(e.ToString());  
    e=null;  
}
```
- D.

```
protected void Page_Error(object sender, EventArgs e) {  
    Response.Write(Server.GetLastError().ToString());  
    Server.ClearError();  
}
```

Answer: D

6. You create a Web Form. The Web Form allows users to calculate values and display the results in a label named lblResults.

You need to capture all unhandled exceptions on the Web Form through the Error event. The Error event

must capture each unhandled exception and display it on the Web Form.

Which code segment should you use?

A. Protected Sub Page_Error(ByVal sender As Object, _
 ByVal e As System.EventArgs) Handles Me.Error
 lblResults.Text = e.ToString()
 e = Nothing
End Sub

B. Protected Sub Page_Error(ByVal sender As Object, _
 ByVal e As System.EventArgs) Handles Me.Error?
 lblResults.Text = Server.GetLastError().ToString()
 Server.ClearError()
End Sub

C. Protected Sub Page_Error(ByVal sender As Object, _
 ByVal e As System.EventArgs) Handles Me.Error?
 Response.Write(e.ToString())
 e = Nothing
End Sub

D. Protected Sub Page_Error(ByVal sender As Object, _
 ByVal e As System.EventArgs) Handles Me.Error
 Response.Write(Server.GetLastError().ToString())
 Server.ClearError()
End Sub

Answer: D

7. You create a Web Form. The Web Form uses the FormView control to enable a user to edit a record in the database.

When the user clicks the Update button on the FormView control, the application must validate that the user has entered data in all of the fields.

You need to ensure that the Web Form does not update if the user has not entered data in all of the fields.

Which code segment should you use?

A. protected void FormView1_ItemUpdating(object sender, FormViewUpdateEventArgs e) {
 foreach (DictionaryEntry entry in e.Keys) {
 if (entry.Value.ToString() == System.String.Empty) {
 e.Cancel = true;
 return;
 }
 }

```
}
```

```
}
```

```
B. protected void FormView1_ItemUpdated(object sender, FormViewUpdatedEventArgs e) {  
    foreach (DictionaryEntry entry in e.NewValues) {  
        if (entry.Value.Equals("")) {  
            e.KeepInEditMode = true;  
            return;  
        }  
    }  
}
```

```
C. protected void FormView1_ItemUpdating(object sender, FormViewUpdateEventArgs e) {  
    foreach (DictionaryEntry entry in e.NewValues) {  
        if (entry.Value.Equals("")) {  
            e.Cancel = true;  
            return;  
        }  
    }  
}
```

```
D. protected void FormView1_ItemUpdated(object sender, FormViewUpdatedEventArgs e) {  
    foreach (DictionaryEntry entry in e.Keys) {  
        if (entry.Value.ToString() == System.String.Empty) {  
            e.KeepInEditMode = true;  
            return;  
        }  
    }  
}
```

Answer: C

8. You create a Web Form. The Web Form uses the FormView control to enable a user to edit a record in the database.

When the user clicks the Update button on the FormView control, the application must validate that the user has entered data in all of the fields.

You need to ensure that the Web Form does not update if the user has not entered data in all of the fields.

Which code segment should you use?

```
A. Protected Sub FormView1_ItemUpdating(ByVal sender As Object, _  
    ByVal e As System.Web.UI.WebControls.FormViewUpdateEventArgs) _
```

```
Handles FormView1.ItemUpdating
Dim entry As DictionaryEntry
For Each entry In e.Keys
    If entry.Value.ToString() = System.String.Empty Then
        e.Cancel = True
    Return
End If
Next entry
End Sub
```

```
B. Protected Sub FormView1_ItemUpdated(ByVal sender As Object, _
    ByVal e As System.Web.UI.WebControls.FormViewUpdatedEventArgs) _
Handles FormView1.ItemUpdated
    Dim entry As DictionaryEntry
    For Each entry In e.NewValues
        If entry.Value.Equals("") Then
            e.KeepInEditMode = True
        Return
    End If
    Next entry
End Sub
```

```
C. Protected Sub FormView1_ItemUpdating(ByVal sender As Object, _
    ByVal e As System.Web.UI.WebControls.FormViewUpdateEventArgs) _
Handles FormView1.ItemUpdating
    Dim entry As DictionaryEntry
    For Each entry In e.NewValues
        If entry.Value.Equals("") Then
            e.Cancel = True
        Return
    End If
    Next entry
End Sub
```

```
D. Protected Sub FormView1_ItemUpdated(ByVal sender As Object, _
    ByVal e As System.Web.UI.WebControls.FormViewUpdatedEventArgs) _
Handles FormView1.ItemUpdated
    Dim entry As DictionaryEntry
```

```
For Each entry In e.Keys
    If entry.Value.ToString() = System.String.Empty Then
        e.KeepInEditMode = True
    Return
End If
Next entry
End Sub
```

Answer: C

9. You are creating a Web Form. You write the following code segment to create a SqlCommand object.

You need to display the number of customers in the Customers table.

Which two code segments can you use to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

- A. `object customerCount = cmd.ExecuteScalar();`
`lblCompanyName.Text = customerCount.ToString();`
- B. `int customerCount = cmd.ExecuteNonQuery();`
`lblCompanyName.Text = customerCount.ToString();`
- C. `SqlDataReader dr = cmd.ExecuteReader();`
`dr.Read();`
`lblCompanyName.Text = dr[0].ToString();`
- D. `SqlDataReader dr = cmd.ExecuteReader();`
`dr.Read();`
`lblCompanyName.Text = dr.ToString();`

Answer: A AND C

10. You are creating a Web Form. You write the following code segment to create a SqlCommand object.

You need to display the number of customers in the Customers table.

Which two code segments can you use to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

- A. `Dim customerCount As Object = cmd.ExecuteScalar()`
`lblCompanyName.Text = customerCount.ToString()`
- B. `Dim customerCount As Integer = cmd.ExecuteNonQuery()`
`lblCompanyName.Text = customerCount.ToString()`
- C. `Dim dr As SqlDataReader = cmd.ExecuteReader()`
`dr.Read()`

```
lblCompanyName.Text = dr(0).ToString()
```

```
D. Dim dr As SqlDataReader = cmd.ExecuteReader()
```

```
dr.Read()
```

```
lblCompanyName.Text = dr.ToString()
```

Answer: A AND C

11. You have an SQL query that takes one minute to execute. You use the following code segment to execute the SQL query asynchronously.

```
IAsyncResult ar = cmd.BeginExecuteReader();
```

You need to execute a method named DoWork() that takes one second to run while the SQL query is executing. DoWork() must run as many times as possible while the SQL query is executing.

Which code segment should you use?

```
A. while (ar.AsyncWaitHandle == null) {
```

```
    DoWork();
```

```
}
```

```
dr = cmd.EndExecuteReader(ar);
```

```
B. while (!ar.IsCompleted) {
```

```
    DoWork();
```

```
}
```

```
dr = cmd.EndExecuteReader(ar);
```

```
C. while (Thread.CurrentThread.ThreadState == ThreadState.Running) {
```

```
    DoWork();
```

```
}
```

```
dr = cmd.EndExecuteReader(ar);
```

```
D. while (!ar.AsyncWaitHandle.WaitOne()) {
```

```
    DoWork();
```

```
}
```

```
dr = cmd.EndExecuteReader(ar);
```

Answer: B

12. You have an SQL query that takes one minute to execute. You use the following code segment to execute the SQL query asynchronously.

```
Dim ar As IAyncResult = cmd.BeginExecuteReader()
```

You need to execute a method named DoWork() that takes one second to run while the SQL query is executing. DoWork() must run as many times as possible while the SQL query is executing.

Which code segment should you use?

```
A. While ar.AsyncWaitHandle Is Nothing
```

```
DoWork()
```

```
End While
```

```
dr = cmd.ExecuteReader(ar)
```

B. While Not ar.IsCompleted

```
DoWork()
```

```
End While
```

```
dr = cmd.ExecuteReader(ar)
```

C. While Thread.CurrentThread.ThreadState = ThreadState.Running

```
DoWork()
```

```
End While
```

```
dr = cmd.ExecuteReader(ar)
```

D. While Not ar.AsyncWaitHandle.WaitOne()

```
DoWork()
```

```
End While
```

```
dr = cmd.ExecuteReader(ar)
```

Answer: B

13. You create a Web Form that displays a GridView. The GridView's data source is a DataSet named dsOrders. The DataSet contains two DataTables named Orders and OrderDetails. You create a relation between the two DataTables using the following code segment. (Line numbers are included for reference only.)

You need to find the cause of the exception being raised in line 05.

What should you do?

- A. Ensure that the child column and the parent column have the same names.
- B. Ensure that the child table and the parent table have the same names.
- C. Ensure that the child column and the parent column have the same data types.
- D. Ensure that each row in the child table has a corresponding row in the parent table.
- E. Ensure that the tables have an explicit relationship defined by a foreign key constraint in the database.

Answer: C

14. You create a Web Form that displays a GridView. The GridView's data source is a DataSet named dsOrders. The DataSet contains two DataTables named Orders and OrderDetails. You create a relation between the two DataTables using the following code segment. (Line numbers are included for reference only.)

You need to find the cause of the exception being raised in line 05.

What should you do?

- A. Ensure that the child column and the parent column have the same names.
- B. Ensure that the child table and the parent table have the same names.
- C. Ensure that the child column and the parent column have the same data types.
- D. Ensure that each row in the child table has a corresponding row in the parent table.
- E. Ensure that the tables have an explicit relationship defined by a foreign key constraint in the database.

Answer: C

15. You are creating a DataTable. You use the following code segment to create the DataTable. (Line numbers are included for reference only.)

You need to ensure that the Total column is set to the value of the Price column multiplied by the Quantity column when new rows are added or changed.

What should you do?

- A. Add the following code segment after line 05.
`dc.ExtendedProperties["Total"] = "Price * Quantity";`
- B. Add the following code segment after line 05.
`dc.Expression = "Price * Quantity";`
- C. Write an event handler for the DataTable's TableNewRow event that updates the row's Total.
- D. Write an event handler for the DataTable's ColumnChanged event that updates the row's Total.

Answer: B

16. You are creating a DataTable. You use the following code segment to create the DataTable. (Line numbers are included for reference only.)

You need to ensure that the Total column is set to the value of the Price column multiplied by the Quantity column when new rows are added or changed.

What should you do?

- A. Add the following code segment after line 05.
`dc.ExtendedProperties("Total") = "Price * Quantity"`
- B. Add the following code segment after line 05.
`dc.Expression = "Price * Quantity"`
- C. Write an event handler for the DataTable's TableNewRow event that updates the row's Total.
- D. Write an event handler for the DataTable's ColumnChanged event that updates the row's Total.

Answer: B

17. You are creating a Web Form. The Web Form allows users to rename or delete products in a list. You create a DataTable named dtProducts that is bound to a GridView. DataTable has the following four rows.

The user utilizes a Web Form to delete the first product.

You need to set the RowStateFilter property of the DataTables DefaultView so that only products that have not been deleted are shown.

To which value should you set the DataTables DefaultView.RowStateFilter?

- A. DataRowState.ModifiedOriginal;
- B. DataRowState.ModifiedCurrent;
- C. DataRowState.CurrentRows;
- D. DataRowState.Added;

Answer: C

18. You are creating a Web Form. The Web Form allows users to rename or delete products in a list. You create a DataTable named dtProducts that is bound to a GridView. DataTable has the following four rows.

The user utilizes a Web Form to delete the first product.

You need to set the RowStateFilter property of the DataTables DefaultView so that only products that have not been deleted are shown.

To which value should you set the DataTables DefaultView.RowStateFilter?

- A. DataRowState.ModifiedOriginal
- B. DataRowState.ModifiedCurrent
- C. DataRowState.CurrentRows
- D. DataRowState.Added

Answer: C

19. Your Web site processes book orders. One of the application methods contains the following code segment.

You need to remove the discount element from XmlDocument.

Which two code segments can you use to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

- A. XmlNode root = doc.DocumentElement;
root.RemoveChild(root.FirstChild);
- B. XmlNode root = doc.DocumentElement;
root.RemoveChild(root.SelectSingleNode("discount"));
- C. doc.RemoveChild(doc.FirstChild);
- D. doc.DocumentElement.RemoveChild(doc.FirstChild);

Answer: B AND A

20. Your Web site processes book orders. One of the application methods contains the following code segment.

You need to remove the discount element from XmlDocument.

Which two code segments can you use to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

- A. Dim root As XmlNode = doc.DocumentElement
root.RemoveChild(root.FirstChild)
- B. Dim root As XmlNode = doc.DocumentElement
root.RemoveChild(root.SelectSingleNode("discount"))
- C.doc.RemoveChild(doc.FirstChild)
- D.doc.DocumentElement.RemoveChild(doc.FirstChild)

Answer: B AND A



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