

In which of the following object will you find the QueryString collection.

☐ The Session object☐ The Server object☐ The Request object☐ The Response object

CORRECT

Max score: 1

Which of the following classes are required to use when fetching data from an SQL database. (note that the alternatives given are the base classes which in turn needs to be inherited from the provider classes)

☐ DbCommand☐ DbParameter☐ DbSelectQuery☐ DbConnection

CORRECT

CORRECT

Max score: 2

Given that you have an aspx page with a TextBox and a Button control. The button also has an onClick event that will fire "CalcButton_Click" correctly. Why will the following code in the code behind not work?

```
public partial class WebForm1 : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }

    protected void CalcButton_Click(object sender, EventArgs e)
    {
        int Tal = Convert.ToInt32(InputTextBox.Text);
        int Resultat = Calculate();
    }

    private int Calculate()
    {
        return Tal + 4;
    }
}
```

Max score: 2

Pair the following values with their appropriate data type.

Given answer

DateTime

string

integer

string

653

info@email.com

2015-01-01

070-4125398

Correct answer

653

integer

info@email.com

string

2015-01-01

DateTime

070-4125398

string

Max score: 2

What are the use for AJAX on web pages?

- ☐ Synchronous method calls in JavaScript
- ☐ New content can be added to the page without reloading the entire page.

CORRECT

- ☐ Response- och request can be executed in the background

CORRECT

- ☐ Adding/removing of event handlers i JavaScript

- ☐ Loading the code behind in the client

Max score: 2

To fetch information from another domain in JavaScript you may need to use JSONP. Describe JSONP.

Max score: 4

Describe the M,V and C of MVC and their relation to each other.

Max score: 3

Describe the purpose of separating your code in layers/tiers and give 4 examples of layers/tiers and their purpose. The definition of layers/tiers in this question is the same as in the project, meaning separate parts within the same application/solution.

Max score: 5

The http-protocol is stateless. On the web, sessions are often used. Describe how they work and how they can be "remembered" between requests.

Max score: 3

When building a data driven web application, many techniques are used. Describe at least four different languages/techniques and their specific purpose in the web application stack.

The web application stack is the overall architecture including the browser, the web server and the database. In your answer you should describe at least one language/technique used in each of the parts in the stack.

Example:

The browser
2 langs/techs described

The web server
1 lang/tech described

The database
1 lang/tech described

Max score: 6