

Asp.Net, ADO.net

Introduction to ASP Training Course Goals

- Learn how ASP works
 - Learn the basic syntax of ASP
 - Learn to create dynamic interactive pages with ASP
 - Learn to work with VBScript control structures
 - Learn to use VBScript built-in functions
 - Learn to work with ASP's built-in objects
 - Learn to validate forms with ASP
 - Learn to write functions and subroutines in ASP
 - Learn to work with ASP Session, Application, and Cookie objects
 - Learn to connect to a database with ASP
 - Learn to send email with ASP
- Introduction to ASP Training Course Prerequisites

1. Introduction to ASP Training Course Outline

- Active Server Pages: A Web Server-Side Technology
- Client-side vs. Server-side Web Technologies
- The Web's Client-Server Relationship
- Which Web Servers Support Active Server Pages?

2. Writing ASP Pages

- ASP Code in an HTML Context
- ASP Code is "Language Neutral"
- VBScript in ASP
- ASP Scriptlets
- VBScript Strings
- An Abbreviation for Response.Write
- Developing ASPs

- ASP Directives, Statements, Expressions and Comments
- VBScript Flexibility and Good Programming Practices
- Processing Data from Online Forms
- The FORM Tag and its Attributes
- ASP Objects
- The Request and Response Objects
- Scalar Variables in ASP
- Customizing a Page for the Visitor
- Conditional Constructs - IF Statements
- Comparison Operators in VBScript
- Adding an Else Clause
- Implementing an IF...ELSE...END IF Conditional
- Adding One or More ELSEIF Clauses
- The Logical AND and OR
- Combining the Form and its Processing Code in One ASP File
- Working with Cookies
- Setting and Retrieving a Cookie
- Cookie Properties
- Expiring a Cookie 6. Maintaining State with the Session and Application Objects
- The Session Object
- Storing and Retrieving Values in the Session Object
- Session Properties and Methods
- The Application Object
- Working with Components
- Instantiating Component Objects
- Sending Email with CDONTS

- Writing to a Text File
- Writing to a Tab-Delimited Text File

3. Loop Structures in ASP

- For...Next Loops
- Populating Select Lists
- Collections in ASP
- For Each...Next Loops and Collections

4. ASP-to-Database Integration with ADO

- Database Commands with SQL
- The ADO Object Model
- Retrieving a Record from the Database with ASP
- The Connection Object's Execute Method
- Building an Interface for Updating Client Records

5. VBScript Subroutines and Functions

- Subroutines
- Functions

6. Drilling Down and the Query String

- Building the Query String into a Link
- Generating Drill Down Links Dynamically
- Building an Interface for Deleting a Record