

**Chapter 1: Getting Started**

You will learn:

- C Use of scripts in web applications.
- C Scripts in web applications and browsers.
- C How to embed VBScript in a HTML document.
- C <SCRIPT> tag.
- C Handling events.
- C Commenting conventions.
- C Coding style.
- C How to write reusable scripts.

**Chapter 2: Console I/O**

You will learn:

- C MsgBox function.
- C InputBox function.
- C How to display information from client scripts.
- C How to display information on the page.
- C How to display information in an HTML control.
- C How to send formatting tags to the browser.
- C How to display special characters.
- C How to use the status bar for displaying messages.

**Chapter 3: Variables, Arrays, and Constants**

You will learn:

- C Variables.
- C Arrays.
- C Option Explicit statement.
- C Dim and ReDim statements.
- C Preserve option.
- C Private and public statements.
- C Data types which are supported.
- C Declaring and using constants.

**Chapter 4: Operators**

You will learn:

- C Arithmetic operators.
- C Comparison operators.
- C Concatenation operators.
- C Logical operators.
- C Bitwise comparison.
- C Bitwise And, Or, Xor, and Not.
- C Operator precedence.

**Chapter 5: Control Structures**

You will learn:

- C How to control program execution.
- C If...Then...Else.
- C Select...Case.
- C Loops for repeating code.
- C Do Loops.
- C While...Wend.
- C For...Next.
- C For Each...Next.
- C Exit statement.

**Chapter 6: Modular Programming**

You will learn:

- C VBScript procedures.
- C Sub statement.
- C Scope of sub procedures.
- C Variables in a sub procedure.
- C Function statement.
- C Scope of function procedures.
- C Exiting a function procedure.
- C Variables in a function.
- C Call statement.
- C Recursion.
- C String related functions.
- C Date related functions.

**Chapter 7: Working with Events**

You will learn:

- C Event model.
- C Handling events.
- C Keyboard events.
- C Mouse events.
- C Focus events.
- C Selection events.
- C Load and Readystate events.
- C Processing form inputs.
- C Verifying form input.

**Chapter 8: Response Object**

You will learn:

- C Response object.
- C Response object collections.
- C BinaryWrite method.
- C Clear method.
- C End method.
- C Flush method.
- C Redirect method.
- C Write method.

**Chapter 9: Request Object**

You will learn:

- C Request object.
- C Request object collections.
- C ClientCertificate.
- C Cookies collection.
- C Form collection.
- C QueryString collection.
- C ServerVariables collection.
- C TotalBytes property.
- C BinaryRead method.

**Chapter 10: Application Object**

You will learn:

- C Application object.
- C Application StaticObjects collection.
- C Application Contents collection
- C Contents.Remove method.
- C Contents.RemoveAll method.
- C Lock and Unlock methods.
- C Application\_OnEnd event.
- C Application\_OnStart event.

**Chapter 11: Session Object**

You will learn:

- C Session object.
- C Session StaticObjects collection.
- C Session Contents collection.
- C CodePage property.
- C LCID property.
- C SessionID property.
- C Timeout property.
- C Contents.Remove method.
- C Contents.RemoveAll method.
- C Abandon method.
- C Session\_OnEnd event.
- C Session\_OnStar event.

**Chapter 12: Server Object**

You will learn:

- C Server object.
- C ScriptTimeout property.
- C CreateObject method.
- C Execute method.
- C GetLastError method.
- C HTML Encode method.
- C MapPath method.
- C Transfer method.
- C URLEncode method.

**Chapter 13:ObjectContext Object**

You will learn:

- C ObjectContext object.
- C Transactions.
- C MTS - purpose and function.
- C Transactional script.
- C Transaction events.
- C Registering a somponent in MTS explorer.
- C Object scope.
- C ObjectContext methods.

**Chapter 14: ASPError Object**

You will learn:

- C ASPError object.
- C ASPCode property.
- C Number property.
- C Source property.
- C FileName property.
- C LineNumber property.
- C Description property.
- C ASPDescription property.

**Chapter 15: Global.asa and Session Management**

You will learn:

- C How to use of Global.asa file.
- C Variables with Session scope.
- C Variables with Application scope.
- C Managing sessions.
- C Starting and ending sessions.
- C SessionID and cookies.
- C Sessionless ASP pages.

**Chapter 16: ASP Database**

You will learn:

- C How to access data sources through ADO.
- C How to create the connection.
- C Recordset creation.
- C Recordset cursor types.
- C How to display database query results.
- C Recordset properties.
- C Record navigation.
- C How to change records.
- C How to display information.