

If you want to learn VB.NET then you are looking at the right advertisement. We expertise in teaching .NET.

MICROSOFT.NET OVERVIEW

- Why .NET? - Intro to .NET Framework
- Basic Functionality of CLR MSIL
- CTS and CLS - .NET Languages
- System Requirements

INTRO TO VB.NET

- Features of VB.NET
- Writing Programmes in VB.NET
- Compiling and Executing from command prompt.
- Data Types
- Option Statements.
- Boxing and UnBoxing
- Array

INTRO TO VISUAL STUDIO.NET

- File structure created for VS.NET App
- Types of Projects
- Creating Demo Console App

OBJECT ORIENTED PROGRAMMING

- Principles of OOP Structures vs Class
- Access Specifiers - Properties
- Method Overloading Constructors
- Shared Modifier Interface
- Overloading and Overriding MyBase Keyword
- Shadowing Abstract class Sealed class
- Interface - Polymorphism
- Destructor and Garbage Collector.

GUI APPLICATION DEVELOPMENT

- Intro to Sytem.Windows.Forms.dll
- Basic controls and Event Driven Programming
- Advaned Controls Rich text box, Dialog boxes, toolbar working with context menu
- Main menu and MDI Form Visual Inheritance

ASSEMBLIES

- Intro to Assembly Private VS Shared Assemblies
- Creating Private Assemblies
- Strong Name Utility
- Creating Shared Assembly

DATA ACCESS WITH ADO.NET

- Intro to DataAccess Lirbraries DAO. RDO and ADO.
- Drawbacks of ADO ADO.NET managed data provider
- Into System.Data.OleDb Data Reader
- Intro to System.Data.SqlClient Prepared Statement
- Transaction handling Intro System.Data.OracleClient

DELEGATES

- Intro to Delegate Concept - Event handling arch with delegate
- Handle, Add Handler and Remove Handler

MULTITHREADING

- Thread Class Sleep, suspend and resuming thread
- Asynchronous connection Synchronization of threads

DISTRIBUTED APP DEVELOPMENT

- Intro to monolithic, 2 tier and 3 tier architectures.
- Serialization and Deserialization with binary formatter and SOAP formatter
- Server Activated (SingleCall and SingleTon)
- Remoting Architecture System.Runtime.Remoting.dll
- Apps for server activated and client activated.

WINDOWS CONTROL LIBRARY

- Creating custom extending existing contol
- Creating custom control grouping existing controls.

VB.NET 2005

- Generics, Operator overloading, partial class
- XML based documentation
- ADO.NET Datagridview
- Binding Source Binding Navigator
- New control mask textbox webbrower

INTRO TO WEB TECHNOLOGIES

- HTML Client Side scripting langs
- IIS Architecture
- Server Side Programming with ASP
- ASP object info

ASP.NET INTRO

- What is ASP.NET ASP VS ASP.NET
- Page and Import Directive
- Inpage technique and code behind technique

SERVER SIDE CONTROLS

- Client side controls vs Server side controls
- Type of server controls HTML server controls and Web server controls
- HTML server controls programming using inpage technique.
- View state architecture ASP.NET page execution Architecture. ASP.NET worker process
- Page life cycle events
- VS.NET VS Web Matrix
- Working with rich controls
- Validation controls

ADO.NET

- Intro to ADO.NET Providers ADO.NET1.1 vs 2.0
- Data Reader Drawbacks of recordset Dataset
- Data Grid - DataSource Controls Sql Data Source
- Access Data Source Object Data Source
- Sitemap Datasource Gridview Details view

XML Programming

- Intro to XML Creation of XML Doc XML Parsers
- DOM VS SAX parser Developing client app for XML
- HTML page XML Schema Database support for web
- Data set serialization and Deserializaion

STATE MANAGEMENT

- Page submission Cookies Session state Session tracking
- Application obj Session and App events Global .aspx

CACHING

- Importance of caching ASP3.0 support for caching
- Types of caching in ASP.NET OUTPUT catching
- Web user control vs Custom Control Fragment Caching

ASP.NET CONFIGURATION

- Machine config vs web config Application variables Compilation setting -Custom Error setting
- Session state setting Enhancements in ASP.NET
- Inprocess vs Outprocess session state State server vs SQL server cookieless session

ASP.NET TRACING

- Page level Application level

SECURITY IN ASP.NET

- Impersonation
- Authentication and Authorization
- Windows based authentication
- Form based passport authentication

XML WEB SERVICES

- ASP2.0 with MTS DCOM vs XML web services
- Role of WSDL - .NET support for xml web service
- Client apps for web service WSDL utility
- Session state with webservices
- Caching with webservice
- Proxy with asynchronous methods
- Web service wire formats HTTP post HTTP GET SOAP Architecture SOAP Envelopes
- UDDI Registry Securing web service
- IP Address and Domain restriction
- Types of webservice controls SSL SOAP header calender and adrotator

E-MAIL SERVER

- Commuication (SMTP server)

THEMES AND SKINS

- Need a theme, Applying themes, creating own themes,
- multiple skin options
- Programmatically working with theme - CSS

WORKING WITH MASTER PAGES

- Need of a master page Basics of master page
- Content page

SITE NAVIGATION

PERSONALIZATION

PORTAL FRAMEWORKS AND WEB PARTS

- web part managers zone types

APS.NET AJAX