DOT NET COURSE

SYLLABUS

Dot Net Course Syllabus

SLA is one of its kind Institute which not only equips you in technology skills but will train you for free in Aptitude skills, Soft Skills, Mock Interviews, Interview Skills, Work ethics and Corporate Values that you need to know to get into IT Industry. Our training is given by expert real time development experienced trainers and we enable each and every student of ours to do their own real time projects by the end of the program.

We do not buy you a job by bribing companies to secure a place in IT, instead we equip you with the skills needed to get employed in IT and will support you with unlimited number of relevant interview opportunities so that your career in IT becomes assured. Our support will be there until you get placed in an IT Company as that's our mission too.

If you want to just have an IT certification, you can do your course anywhere. If you aspire to get into an IT Job, then you should choose SLA. With SLA, your IT dream will definitely come into reality.

Please go through the long list of our student reviews / offer letters @ www.joinsla.com to get to know more about us.

Introduction to Dot Net Concepts

- ❖ OOPs ConceptIntroduction to Visual Studio
- ❖ Dot Net Framework and Common Language Runtime (CLR)
- ❖ Common Language Specifications (CLS)
- ❖ CTS - Common Type System
- ❖ Dot Net assemblies and namespaces
- ❖ Dot Net framework class library

Introduction to Visual Studio

- ❖ Creating a project
- ❖ Setting profiles and properties
- ❖ Adding references
- ❖ Using the code editor
- ❖ Compiling ,Debugging and Running a program

Language Fundamentals

- ❖ Defining namespaces
- ❖ Getting to know C# data types
- ❖ Defining constants and variables
- ❖ Performing type conversions
- ❖ Formatting date, time and numbers
- ❖ Working with expressions and operators
- ❖ Comparing reference types versus value types

Introduction to C#

- ❖ Overview of C#
- ❖ Memory concepts
- ❖ Control structures
- ❖ Data types,Arrays,Namespaces

Object Oriented Programming

- ❖ Constructors
- ❖ Classes and Objects
- ❖ Inheritance
- ❖ Polymorphism
- ❖ Interface,Abstract
- ❖ Delegates,Indexers
- ❖ Threading and Reflections
- ❖ Exception Handling

Ado Dot Net

- ❖ Basics to Ado Dot Net
- ❖ Programming with Ado Dot Net
- ❖ Java Script and CSS
- ❖ Connected and Disconnected Modes

Ado Dot Net

- ❖ Understanding the Form widgets
- ❖ Relational database concepts
- ❖ Introduction to database
- ❖ Stored procedures
- ❖ Structured query language
- ❖ Triggers and Functions

GUI-Graphical User Interface

- ❖ Shared Preferences
- ❖ Introduction to Windows Forms
- ❖ Toolbox ,Graphic controls and Custom toolbox controls
- ❖ Event handling
- ❖ Software development
- ❖ Implementation and usage of controls
- ❖ Files and streams

Ado Dot Net

- ❖ Introduction to Web Forms
- ❖ Server Controls
- ❖ Web Controls
- ❖ Validations
- ❖ Master Page
- ❖ Navigation Controls
- ❖ State Management Techniques
- ❖ Web Services
- ❖ WPF
- ❖ AJAX
- ❖ Silverlight
- ❖ Caching
- ❖ Client controls

Advance .Net Training Course SYyllabuS
WCF with C#

- ❖ Introduction to WCF

- ❖ Hosting and Calling WCF Services

- ❖ Bindings and Contracts

- ❖ Exceptions, Diagnostics and Message Patterns

- ❖ Sessions and Transactions

- ❖ WCF Security

- ❖ RESTful Services

WCF with C#

- ❖ Introducing WPF

- ❖ WPF Controls

- ❖ WPF Document Controls

- ❖ WPF Graphical Rendering Services

- ❖ WPF Resource Management

- ❖ WPF Styles

- ❖ WPF Animation Support

- ❖ WPF Data Binding

- ❖ WPF Templates and User Control

LINQ Training Outline

- ❖ Language Extensions

- ❖ Introduction to LINQ

- ❖ Deferred Execution

- ❖ Data Projection

- ❖ LINQ to XML

- ❖ LINQ to SQL

- ❖ LINQ to Entities

AJAX

- ❖ styles.xml
- ❖ What is Ajax
- ❖ Advantages of Ajax
- ❖ How to build an Ajax enabled website

MVC

- ❖ What is MVC
- ❖ Advantages
- ❖ How to build a site using MVC

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