

ADVANCED .NET 4.5

1. Implicitly Typed Local variables

- var keyword
- Declaration
- Advantage

2. Anonymous Types

- Declaration
- Usage

3. Object Initializes

- Declaration and usage

4. Extension Methods

- How to declare and advantage

5. Partial Methods

- What is a partial method
- How and where to declare
- Usage

6. Lambda Expressions

- Lambda Expression
- goes to operator
- usage

LANGUAGE INTEGRATED QUERY (LINQ)

- What is a query
- What is LINQ
- What is the advantage of LINQ
- Architecture
- Data Sources
- LINQ to Stored Procedure
- Joins
- LINQ to SQL, LINQ to DataSet
- LINQ to XML
- Parallel LINQ

WINDOWS PRESENTATION FOUNDATION (WPF)

- Standalone Applications
- WPF and its advantages
- XAML
- Features
- Controls and creating custom controls
- Types of applications
- Dependency properties and Routed events
- 2D, 3D Graphics and Animations
- Audio and Video files
- Working with Data Sources and data binding in WPF
- Crystal reports in WPF
- WPF application Deployment

WINDOWS COMMUNICATION FOUNDATION (WCF)

- Services
- COM, DCOM
- Web Services and Remoting
- Architecture of WCF
- OOPS and SOA
- Contracts
- Creating proxy and consuming the service

WINDOWS WORKFLOW FOUNDATION (WF)

- Business processes
- Types of workflows
- Advantages of workflows
- Usage of workflows

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