

Sela.

KLA-C

C#KLA_23019_1319_KLA

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C#KLA_23019_1319_KLA

KLA-C - Version: 1

 3 days Course

Description:

Intended audience:

Prerequisites:

Objectives:

Topics:

Day1

- C# and .NET Intro
 - What is .NET?
 - .NET Components
 - Introduction to C#
- The C# Language Fundamentals
 - Statements and Expressions
 - Comments
 - Identifiers
 - Variables



- Literals
- Operators
- Control Statements
- Types
 - Arrays
 - Initializing and Accessing Arrays
 - Multidimensional and Jagged Arrays
 - Collections
 - Strings
 - Regular Expression
 - The StringBuilder class
 - Linq
 - IEnumerable

Day2

- Array, Collections and Strings
 - Arrays
 - Initializing and Accessing Arrays
 - Multidimensional and Jagged Arrays
 - Collections
 - Strings
 - Regular Expression
 - The StringBuilder class
 - Linq
 - IEnumerable
- Exception
 - From Errors to Exceptions
 - Catching Exceptions
 - Exception Flow
 - Throwing Exceptions



- Exception Filters
- Exception Classes

Day3

- Inheritance & Polymorphism
 - Base and Derived types
 - Casting, as, is
 - Polymorphism
 - Virtual, Abstract, Override and New
 - Access – Protected
 - Interfaces
 - The Object class
 - Extension Methods
 - Default interface implementation
- Streams and Files
 - Streams
 - The FileStream Class
 - File I/O
 - The File and FileInfo Classes
 - The Path Class
 - Directory and DirectoryInfo