

Welcome to ineuron.ai



C Sharp Programming

Description:

Learn the fundamentals of C# programming.

Start Date:

Doubt Clear Time:

Course Time:

Features:

- # Course material
- # Course resources
- # On demand recorded videos
- # Practical exercises
- # Quizzes
- # Assignments
- # Course completion certificate

What we learn:

Understanding .NET SDK CLI ,creatingbuilding & running first project.

Framework vs Language

C# is case sensitive and understanding compile errors in CLI.

Creating projects using visual studio

Project and Solution in visual studio

Building and compile using visual studio

Difference between C# and .NET

CLR

Architecture of .NET Framework

C# Operators

C# Operator Precedence & Associativity

C# Bitwise Operators

C# Arrays

C# Multidimensional Arrays

C# Inheritance

C# using

C# Type Conversion & Casting

C# Preprocessor Directives

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

>Introduction:

- >>DownloadInstallation of .NET &.NET core vs .NET Framework
- >>Understanding .NET SDK CLI ,creatingbuilding & running first project.
- >>Framework vs Language
- >>C# is case sensitive and understanding compile errors in CLI.
- >>Introduction, Download and Installation of VS Code editor.
- >>Opening folder in VS code , intellisense and terminal.
- >>NET Compilation process & Intermediate language code
- >>Visual studio vs VS Code vs Visual studio for Mac
- >>Installing and configuring visual studio work loads part 1
- >>Installing and configuring visual studio work loads part 2
- >>Creating projects using visual studio
- >>Project and Solution in visual studio
- >>Building and compile using visual studio
- >>Running projects as startup
- >>Understanding basic code class, namespace and scopes
- >>Assembly , Exe and DLL Part 1
- >>Assembly , Exe and DLL Part 2

>C# Introduction:

- >>Introduction
- >>Difference between C# and .NET
- >>CLR

>>Architecture of .NET Framework

>>C# Hello World

>>C# Keywords & Identifiers

>>C# Variables and Data types

>>Demo C# Variables

>>C# Operators

>>C# Operator Precedence & Associativity

>>C# Bitwise Operators

>>C# Basic IO

>>C# Expressions & Statements

>>C# Comments

>C# Flow Control:

>>C# if...else

>>C# switch Statement

>>C# Ternary Operator

>>C# while Loop

>>C# for Loop

>>c# Nested Loops

>>C# break Statement

>>C# continue Statement

>C# Arrays:

>>C# Arrays

>>C# Multidimensional Arrays

>>C# Jagged Array

>>C# foreach Loop

>C# OOP part 1:

>>C# Class and Objects

>>C# Methods

>>C# Access Modifiers

>>C# Variable Scope

>>C# Constructors

>>C# this Keyword

>>C# static Keyword

>>C# Strings

>C# OOP (II):

>>C# Inheritance

>>C# Abstract Class & Methods

>>C# Nested Class

>>C# Partial Class & Method

>>C# Sealed Class & Method

>>C# Interface

>>C# Method Overloading

>>C# Constructor Overloading

>Additional Topics:

>>C# using

>>C# Type Conversion & Casting

>>C# Preprocessor Directives

>>C# Namespaces

>>C# struct