

# Lotus IT Hub Pune

## C# Syllabus Download

Overview Of C#

Procedural and Object-Oriented Programming

The C# language

Keywords and Identifiers

Adding Comments

First Simple C# Program

Variable and Data Type

If-If,Else If,If-Else,Switch Case

For,While,Do While,foreach Loop

Array

Type Casting

Object Oriented Programming in C#

Class Object and Method

Constructors

Inheritance

Polymorphism

This and base

Static and Const

Type Casting

Abstract Class And Interface

Property and Indexer

Structers

Command Line Arguments

Namespaces

Delegates and Events

Nested Data

Enums

Exception Handling

Understanding Exceptions

Error-Handling Methods

ToString() Method and Message Property

Multiple Exceptions

The finally Block

Exception Classes

Rethrowing an Exception

Multithreading

Basic of Threads

Thread class and ThreadStart Delegate

Thread Synchronization

File Handling

How to Create File

Read and Write Data into File

Operation on Binary Files

File Copy and Cut

Collections and Generics

ArrayList, List

Hashtable, Dictionary

DictionaryEntry, KeyValuePair

Window Form

Add Menus to Windows Forms

Sub Menus

Menu Shortcuts

Code for your Quit Menu

The Edit Menu

The View Menu

Adding Images in C# .NET

Open File Dialogue Box in C#

Open a Text Filev

The Save As Dialogue Boxv

Checkboxes and Radio Buttons

Web Services

Databases

SQL Server Express and C# .NET

Create a SQL Server Express Database

Create a SQL Server Database Table

Add Data to the Table

Datasets and Data Adapters

Display Data from the Dataset

Database Navigation Buttons

Add, Update, Delete a Record

Finding Records in a Dataset Development

Development project with setup wizard

Database with Microsoft Access

Database with MySQL

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