

Learn programming in C# and .NET (code: LC-C#-PROG)

Overview

C# is a modern, object-oriented programming language that allows creation of a variety of programs. Windows applications, internet apps, or mobile apps - all of those can be written using C# and .NET framework. C# is **very simple to learn**. After only a few days a beginner programmer is able to create Windows applications. People who need to process large amounts of data on a daily basis will find .NET integration with Microsoft Office or Microsoft SQL Server a life saver. Advanced knowledge of .NET enables one to build safe, fast and complex business apps. Many complex banking systems are built using .NET framework.

This course is a great introduction to programming for people **without programming experience**. The classes are relatively long but for people without programming experience learning a programming language takes time. At the end of this course participants will create a CRUD (Create, Read, Update, Delete) application using Windows Forms and a database. Thousands of similar applications are created for companies all around the world.

Duration

7 days

Agenda

- Day 1
- * Introduction to the .NET runtime environment
- * Introduction to Visual Studio development environment
- * Creating solutions and new projects
- * Variables, constants, value types and conversions
- * Enumeration types (enum)
- * Communication with a user, standard input and output operations
- Dav 2
- * Conditional statements
- * Loops
- * Tables and lists
- * Functions
- * Classes and objects
- Day 3
- * Class constructors
- * Class properties
- * Class methods
- * Access modifiers
- * Interfaces
- * Inheritance
- * Static elements
- Day 4
- * Introduction to Windows Forms
- * Windows Forms Controls
- * Event handling
- * Application Debugging
- Day 5
- * File handling

Ask for details

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- * Exception handling
- * Creation of a program solving a given problem
- Day 6
- * Database management fundamentals using Microsoft SQL Server
- * SQL queries Select, Insert, Update, Delete
- * Library for communication with database
- * Communication with database
- Day '
- * Creating CRUD (Create, Read, Update, Delete) app using Windows Forms and Microsoft SQL Server

Target audience and prerequisites

No prior knowledge of programming is required.

Certificates

Course participants receive completion certificates signed by ALX.

Locations

- Warsaw (English) Jasna 14/16A
- Online (English) your home, office or wherever you want
- any other location (London, UK, EU) on request

Price

1190 EUR

The price includes:

- course materials,
- snacks, coffee, tea and soft drinks,
- course completion certificate,
- one-time consultation with the instructor after course completion.

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