


# C# Express Course

## Introduction

# Intro

## The course and the Author

- Victor Osipov
- LinkedIn profile [link](#) ➡ 
- 5+ years of software development

- C# and .NET
- 27 hours / 6 weeks
- From 0 to entry level
- Practice and discussion
- Live experience and best practices

# Course structure and format

- Online sessions with the author
  - Discussion and experience sharing
  - Live coding and examples
  - Homework review and feedback
- Less words, more practice
- A solid base for further learning
- 2 lesson / week
- Questions & answers on-the-fly

# Lesson 1

**Computer program. Basic principles. First app.**

# Key-points

- Computer program (software)
- Source code
- Process; application run
- Folder / file structure
- "dotnet new" template
- Visual Studio / VS Code overview
- Git and GitHub repository
- Sync code with remote repo
- Application theme: students!

# Homework

- Install all required software
  - dotnet CLI
  - Visual Studio / Visual Studio Code
  - Git / Fork (git client)
- Clone course GitHub repository to your local PC
- Create your personal repository
- Build & run your first C# application (see lesson 1 code)
- Commit and push code to your GitHub repository
- Prepare questions and feedback

# Links

- Course GitHub repository <https://github.com/victor-osipov/tekwill-csharp-express>
- Dotnet CLI <https://dotnet.microsoft.com/download>
- Visual Studio 2019 <https://visualstudio.microsoft.com/ru/downloads/>
- Visual Studio Code <https://code.visualstudio.com/#alt-downloads>
- Fork (git client) <https://git-fork.com/>
- GIT guide (ru) [link](#)
- "dotnet new" app <https://docs.microsoft.com/en-gb/dotnet/core/get-started>
- Introduction to dotnet <https://docs.microsoft.com/en-gb/dotnet/core/introduction>