„ .NET (C#, Windows Forms, ADO.NET, ASP.NET) – Introduction to programming"

Course description:

.NET (C#, Windows Forms, ADO.NET, ASP.NET) training is addressed to people who want to gain some knowledge of .NET language and it aims at showing the benefits of using this language for the needs of applications for Windows operating systems. The participants should have some basic knowledge of programming in other languages.

Training program:

1. Introduction to .NET platform
.NET structure and mode of action
Visual Studio environment
.NET platform language

2. C# language
Basic language instructions
Classes and objects
The use of object oriented programming

3. Windows Forms
Diagram of graphics applications - forms and graphic controls
The use of controls in simple visual applications
Multi-window applications (MDI)
2D/GDI+ graphics in .NET
Support for network connections - socket mechanism, HTTP and FTP protocols
Dialog windows

4. ADO.NET
The idea of data handling
File operations
XML data handling
Microsoft SQL Server database - installation and configuration
Support of MS SQL Server database in .NET

5. ASP.NET
Creating and handling forms in ASP.NET
Connecting ASP.NET with XHTML

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Connections to the MS SQL Server database
Interaction with the server - session mechanism

Methodology:
- PowerPoint mini lectures
- working on computers (each participant works on a separate computer)
- mini training videos

Organizational information:
Number of training hours: 21 hours / 3 days
Time of training 9:15-16:15
Place of training: Łódź, Piotrkowska 125 – KM Studio - trainings