
.NET Bootcamp

Topics

- SQL Programming
 - RDBMS Kavramı
 - T-SQL
 - DML
 - SELECT
 - INSERT
 - UPDATE
 - DELETE
 - DDL
 - CREATE
 - ALTER
 - DROP
 - DCL
 - GRANT
 - REVOKE
 - DENY
 - View

- Stored Procedure
- Function
- Trigger
- SQL & PL/SQL Programming
 - Introduction
 - Retrieve Data using the SQL SELECT Statement
 - Restricted and Sorted Data
 - Usage of Single-Row Functions to Customize Output
 - Conversion Functions and Conditional Expressions
 - Aggregated Data Using the Group Functions
 - Display Data From Multiple Tables
 - Usage of Subqueries to Solve Queries
 - SET Operators
 - Data Manipulation
 - DDL Statements to Create and Manage Tables
 - Other Schema Objects
 - Introduction to PL/SQL
 - PL/SQL Identifiers
 - Write Executable Statements
 - Interaction with the Oracle Server
 - Control Structures

- Usage of Composite Data Types
- Explicit Cursors
- Exception Handling
- Stored Procedures and Functions
- HTML - CSS - JavaScript
 - HTML
 - HTML Nedir ? Temel Kavramlar
 - Temel Etiketler ve Kurallar
 - Paragraf / Link / Görsel / Başlık Etiketleri
 - İçerik Etiketleri
 - Belge Tipi Bildirimi (DOCTYPE)
 - Tablolar
 - Stiller
 - Renkler
 - Bloklar ve Div Kullanımı
 - iFrame Kullanımı
 - CSS Kullanımı
 - Sınıflar
 - CSS
 - CSS Nedir
 - CSS Kod Yapısı

- Seçiciler
 - Renkler
 - Background
 - Border
 - Margin Kullanımı
 - Padding Kullanımı
 - Yükseklik ve Genişlik
 - Metin Özellikleri
 - Font Kullanımı
 - Google Font Kullanımı
 - Link Özellikleri
 - Liste ve Tablo Özellikleri
 - Position / Overflow
- JavaScript
- JavaScript'e Giriş
 - JavaScript Söz Dizimi
 - Doküman Nesne Modeli (DOM)
 - JavaScript'i Formlar ile Kullanmak
 - Javascript'i Görüntüler ve Linkler ile Kullanmak
 - Düzenli İfadeler (Regular Expressions)
 - Hata Yönetimi (Exception Handling)

- Nesne Yönelimli JavaScript
- .NET Core Programming
 - Introduction
 - Evolution of .NET and .NET Core
 - .NET SDKs and Runtimes
 - Visual Studio and Visual Studio Code
 - .NET SDK
 - Installation
 - Version Management
 - Command-Line Interface (CLI)
 - Software, Windows and .NET Development Fundamentals
 - Programming in C# and Object Oriented Programming
 - Record Types
 - Init Only Setters
 - Nullable Reference Types
 - Application Configuration
 - Configure and ConfigureServices
 - Configuration Providers and Sources
 - Configuration API
 - Options Pattern ◦ HTTPS and HTTP/2
 - Request Routing

- RESTful Services
- Endpoint Routing
- Route Templates
- Route Constraints
- Route Template Precedence
- Attribute-Based Routing
- Models
 - Persistence Ignorance
 - Dependency Inversion
 - Asynchronous Data Access
 - Object-Relational Mapping
 - Entity Framework Core
 - Dapper ORM
- Controllers
 - Responsibilities
 - Requirements and Conventions
 - Dependencies o Action Results
- Views o Responsibilities
 - Conventions o Razor Syntax
 - Layouts
 - ViewData and ViewBag

- Strongly-Typed Views
- Partial Views o HTML and URL Helpers
- Tag Helpers
- View Components
- Client-Side Dependencies
- Razor Pages o View Models
- HTML Forms
 - Tag Helpers
 - Form Submissions
 - Model Binding
- Input Validation
 - Introduction
 - Data Annotations
 - Model Binding
 - Input Tag Helpers
 - Validation Tag Helpers
- Application State
 - Client-Side vs. Server-Side
 - HttpContext.Items
 - Session State
 - TempData

- Error Handling
 - Best Practices
 - HTTP Error Status Codes
 - Status Code Pages
 - Developer Exception Page
- Logging
 - Configuration
 - ILogger
 - Serilog and Seq
- Testing
 - Unit Testing
 - xUnit
 - Testing Controllers
 - Integration Testing
- Web APIs
 - API Controllers o OpenAPI / Swagger
 - Testing APIs
 - CRUD Operations
 - Cross-Origin Resource Sharing (CORS)
- Remote Procedure Calls (gRPC)
 - Introduction

- Protobuf
- Server
- Client
- Limitations
- Blazor
 - Razor Components
 - Blazor Server
 - Blazor WebAssembly
- Class
- Interface
- Delegate
- OOP Principals
- C# Data Access with Entity Framework
- Solid Principles and Design Patterns
- [ASP.NET](#) ile Web Programlama
 - [ASP.NET](#) Giriş
 - [ASP.NET](#) Uygulama Geliştirme
 - NuGet Packages
 - Application Startup
 - Hosting Environments
 - Middleware and the Request Pipeline

- Services and Dependency Injection
- MVC vs. Razor Pages
- Web Formları Oluřturmak
- Veri ile alıřmak
- Web Sitesi Gvenlięi
- İleri [ASP.NET](#)
- [ASP.NET](#) Uygulamalar