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ASP CORE WEB APIS

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By: Ilearn Academy

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ASP Core Web APIs

Overview:

- In this course, students will learn how to design and develop services that access local and remote data from various sources.
- Students will also learn how to develop and deployservices to hybrid environments, including on-premises servers and Microsoft Azure.

Audience Profile :

- Primary: .NET developers who want to learn how to develop services and deploy them to hybrid environments.
- Secondary: .NET developers with Web application development experience who are exploring developing new applications or porting existing applications to Microsoft Azure.

Prerequisites:

- Programming in HTML5 with JavaScript and CSS3.
- Programming in C#.
- Developing ASP.NET Core MVC Web Applications.

ASP Core Web APIs

ASP Core Web APIs Outline:

- **Application Architecture.**
- **ASP.NET Core and REST Services.**
- **Understanding the JSON Format.**
- **Role of the Design and Performance Considerations.**
- **Creating API Project.**
- **EF Core Model.**
- **API Controllers.**
- **Http Request Methods.**
- **Web API Routing.**
- **Binding and Return Types.**
- **Create Web API for CRUD (Select - Insert - Update - Delete).**
- **Running and Test the Web API.**
- **Creating a Client for Web API.**
- **Setting Up the HttpClient.**
- **Consuming API.**
- **Running the Application.**

Why LearnASP Core Web APIs ?

- ASP.NET Web API, developers can easily build and expose data and functionality over HTTP, making it accessible from various platforms and devices. The framework includes a number of features that simplify the process of building web services, such as model binding, routing, and error handling.

Training Solutions:

- Offline Classroom Instructor-Led Training in our labs or onsite Locations.
- Virtual Instructor-Led Training Via
- Virtual Video Conferencing Tools.

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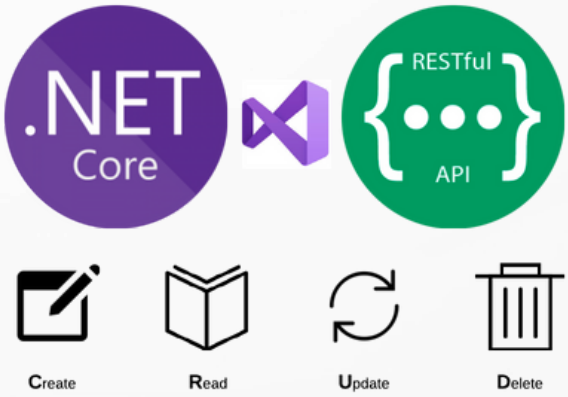

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WE LOOK FORWARD
TO WORKING WITH YOU

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