

1-Why we use IActionResult not ActionResult (scenario or problems)?

IActionResult provides more flexibility than ActionResult, allowing a controller to return different result types (View, JSON, File, Redirect, etc.).

2-What the HttpContext request and response message consist of?

HttpContext.Request contains request details (headers, URL, body), while HttpContext.Response contains response details (status, headers, content).

3-What's the difference between HTTPS and HTTP?

HTTP is unencrypted, while HTTPS uses SSL/TLS for encryption, providing security and trust.

4-What's the segments and fragments in URL with real URL example?

Segments are parts of a URL separated by slashes, while fragments are parts after # used for page navigation.

5-What's Builder and Dependency Injection with real life example?

Builder builds complex objects step by step, while Dependency Injection provides dependencies externally, increasing flexibility.

6-Difference between Web Pages (Razor) and MVC (two business cases)?

Razor Pages are simpler and good for small apps, while MVC is more structured and suited for large, complex apps.

7-What's Content-Type in response message and where we use it and why?

Content-Type tells the client what type of data is returned (JSON, HTML, image, etc.), ensuring correct handling.

8-What's minification, web bundle, webpack, and lazy loading of client side and their role?

Minification reduces file size, bundling combines files, Webpack manages them, and lazy loading loads resources only when needed to improve performance.