Instructor example

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Explain tag helpers

Tag Helpers in ASP.NET Core are the server-side components. They are basically used to perform defined transformations on HTML Elements. As they are server-side components, so they are going to be processed on the server to create and render HTML elements in the Razor files.

They allow you to conditionally modify or add HTML elements from server-side code.

There are built-in tag helpers such as asp-controller, asp-action, asp-route-x, asp-for etc.

The best use case of tag helpers is binding the input tag with a model property using "asp-for" tag helper.

How to create custom tag helpers

I'll create a custom tag helper if I would like to perform specific customizations or modifications to HTML elements as per the project requirements.

I can create a custom tag helper by inheriting from TagHelper class and overriding Process method.

```
public class MyTagHelper : TagHelper
{
  public override void Process(TagHelperContext context, TagHelperOutput output)
  {
    output.PreContent.SetHtmlContent("<tag></tag>");
  }
}
```