

ASP.NET Programming Homework 09

Chapter 09, Pro ASP.NET Core MVC 2

Homework

Readings

Read chapter 09, in the *Pro ASP.NET Core MVC 2* book.

Discussion Questions

1. In the `Configure()` method of the `Startup.cs` file, note the four map routes defined in the book. (1) What is the difference in the definitions of the four routes defined? (2) How are the routes ordered? (3) Why does it matter that the routes are ordered this way?
2. When you define tag helpers, you can specify a prefix for the attribute name. (1) What happens when you define several attributes with the same prefix? (2) What is the benefit of doing this?
3. How does using the attribute `page-url-category` benefit the application? Be specific with your answer and give an example.
4. What is a *view component* and what purpose do view components have in building a web application?
5. The book notes that you can build a list of categories programmatically or use the “more expressive Razor syntax” to render the HTML. What do you think that this means?
6. What does `@await Component.InvokeAsync("InformationSidebar")` do?
7. Describe the functionality of the `RouteData` property of the `ViewComponent` class, and give a concrete example of that functionality.
8. What is the purpose of *session state*, and how does the Sports Store application use session state?
9. Describe *model binding* and give a specific example. Explain how model binding relates form elements, HTTP query requests, variables, and properties.
10. What does the `RedirectToAction()` method do?