

ASP.NET Programming Homework 11

Chapter 11, Pro ASP.NET Core MVC 2

Homework

Readings

Read chapter 11, in the *Pro ASP.NET Core MVC 2* book.

Discussion Questions

1. The book states that, in an ideal world, you would build your model classes at the start of a project, but that this happens only in the simplest cases. How does the iterative approach help deal with a world that is less than ideal?
2. How would you use Entity Framework to add a new column to an existing table in your database?
3. Can you explain why a web application might need different layouts for different aspects of the application? Note that the book adds an Admin Layout to the SportsStore project.
4. Explain the rationale for having both a List view and an Edit view for the purpose of managing collections of objects.
5. What is CRUD? Be specific. How does this relate to the SQL query commands we have studied?
6. In the Admin Index `cshtml` file, the form uses an anchor tag (`<a>`) for the `Edit` function, and a submit button (`<button type='submit'>`) for the `Delete` functionality. What is the difference, and why are the two HTML elements used?
7. The book states that Entity Framework will not know anything about a new `Product` object when it is created, and will not update the database. Describe the book's approach to resolving this problem.
8. ASP.NET MVC supports a `TempData` dictionary. Describe the unique feature of this data object and explain its usefulness for this web application.
9. Write a code snippet that displays a `TempData['message']` if one exists.
10. What, specifically, does the `asp-validation-for` tag helper do when applied to a `` element?
11. How does the mechanism used for server-side validation interact with client-side validation.