ASP.NET Programming Homework 08

Chapter 08, Pro ASP.NET Core MVC 2

Homework

Readings

Read chapter 08, in the *Pro ASP.NET Core MVC 2* book.

Discussion Questions

1. What is the purpose of the `Startup` class in an MVC application?

2. What is the purpose of the `ConfigureServices()` method?

3. What is the purpose of hte `AddMvc()` method?

4. What does the book describe as "the heart of an MVC application?" Why do you think that this "heart" is the starting point of all applications?

5. What is the purpose of the `Queryable<T>` interface? What does it allow you to do?

6. How does the book describe *loosely coupled components*? Why is this an important principle of software design?

7. What, specifically, does the `AddTransient()` method do?

8. Describe *dependency injection*? What is the *dependency*? What does it mean to say that it is *injected*?

9. What is the purpose of a *shared ayout*?

10. What is a *database context class*? What purpose does it serve?

11. What function does the *EnsurePopulated()* method perform?

12. What is a *ViewModel*? How does a ViewModel differ from an ordinary model?

13. Describe in your own words a *composable URL*. Note that it is not an answer to this question to say that it is one that makes sense to a user.

14. What is a *partial view*? Illustrate the concept of a partial view with an example other than the one used in the book.