3 HOMEWORK QUESTIONS

ASP.NET Core 3 Homework 01

Chapter 01, Pro ASP.NET Core 3

1 Readings

Read chapter 01, in the Pro ASP.NET Core 3 book.

2 Class Discussion Questions

Your written homework is due as directed. Format your homework in MarkDown. Be prepared to discuss

each of the following questions is class.

3 Homework Questions

1. (not in book) What is HTML? See <https://www.w3.org/TR/html40/>.

Hypertext Markup Language. The standard markup language for documents designed to be displayed in a web browser.

1. (not in book) What is HTTP? See <https://www.w3.org/Protocols/rfc2616/rfc2616.html>.

Hypertext Transfer Protocol.

1. What is middleware? See pages 255-256 in the book.

Software that provides common services and capabilities to applications outside of what’s offered by the operating system.

1. What is URL routing? See pages 282-283 in the book.

Means when you click on a link, instead of being routed to another page, you stay in the same page and the content changes,

1. What is dependency injection? See pages 255-257 in the book.

A technique in which an object receives other objects that it depends on.

1. What is model binding? See pages 703-706 in the book.

Allows you to map HTTP request data with a model. It’s a well designed bridge between the HTTP and the C# action methods.

1. What are Razor pages?

Takes the development ethos of Web Pages and implements it using the platform features originally developed for the MVC Framework. Code and Content are mixed to form self-contained pages.

1. What is Entity Framework Core?

Is Microsoft’s object related mapping framework, which represents data stored in a relational database as .NET objects.

1. What is ASP.NET Core Identity?

Is Microsoft’s authentication and authorization framework, used to validate user credentials in ASP.NET Core applications and restrict access to application features.

1. What is the ASP.NET Core platform?

Contains the low-level features required to receive and process HTTP requests and create responses.