

ASP.NET Core 3 Homework 02

Chapter 02, Pro ASP.NET Core 3

1 Readings

Read chapter 02, 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 in class.

3 Homework Questions

1. What is the difference between Visual Studio and Visual Studio Code?
2. What is *LocalDB*?
3. What do these commands do?

```
dotnet new globaljson --sdk-version 3.1.101 --output FirstProject
dotnet new mvc --no-https --output FirstProject --framework netcoreapp3.1
```

4. What command do you use to build an ASP.NET project from the command line? What command do you use to run the project?
5. What is the purpose of an *endpoint*?
6. What is a *controller*?
7. Where are *actions* defined?
8. What is the purpose of the *routing system*?
9. Assume that your ASP.NET application runs in a browser with a URL like `http://localhost:5000`. List the three default routes configured by the ASP.NET Core routing system.
10. What does the `ViewResult` object instruct ASP.NET Core to do?
11. How does ASP.NET Core know what *View* is to be called from an action method?
12. What is the job of an *action method*?
13. What is a *view model*?