

# ASP.NET MVC Core 2 Homework 05

## Chapter 05, Pro ASP.NET Core MVC 2

### Homework

#### Readings

Read chapter 05, in the *Pro ASP.NET Core MVC 2* book.

#### Discussion Questions

Be prepared to discuss each of the following questions in class.

#### Written Deliverable

Your written homework is due the Monday following our class discussion *unless otherwise directed*. Format your homework in Markdown. Copy your written homework to your clipboard and paste it into the text input box in Canvas for this assignment. Add and commit it to your local git repository, and push the homework up to your Github repository.

#### Homework Questions

1. When an action method of a controller is called, and the action method does not specify the name of a view, what view is called, and what is the name of the view?
2. What is the syntax of the model expression that declares the type of model object that is passed to the view?
3. When the view refers to the model object that is passed to the view, what syntax does it use to refer to the methods and properties of the model object?
4. How do you specify a set of namespaces that the application searches for types that are passed to the views?
5. How do you specify a uniform template that applies to a collection of Razor views so that each view has the identical layout and style?
6. What is the name of the method that imports content into a Razor view layout? How do you invoke the method? What, specifically, does the method do?
7. What is the name of the property that imports content into a Razor view layout? How do you invoke the property? How, specifically, does the property expose its values?
8. What does a *view start file* do? How do you use a view start file?
9. What is the difference between *processing* data and *formatting* data? Give specific example of processing data and formatting data. Explain why the difference between processing and formatting is important.
10. The book states, “The simplest thing you can do with a Razor expression is to insert a data value into the markup.” Name the two ways the book describes which are used to insert data into the markup.

11. What is an HTML *attribute*? How do you use an HTML attribute? Why do you use an HTML attribute? How do you dynamically specify the value of an HTML attribute?
12. This is probably the most important question in this homework. List the four steps necessary to pass a collection of objects to a view and enumerate through them. You will have a test ext term that will require you to do this.
13. What is the difference between a view import file, a view layout file, and a view start file? How do each of these relate to the view invoked by an action method?