**Objectives**

The purpose of this lab is to help you learn to:

* Write controller classes and action methods
* Define view models
* Send data to a view using a view model
* Send data to an action method from form fields

**Part 1: Chapter 17 Exercise**

Do the exercise in Freeman, *Pro ASP.NET Core 2*, chapter 17.

**Part 2: Fan Web Site**

Add a matching quiz page to the web site. This page will display a set of items on the left that need to be matched with items on the right. After the user answers the question and click submit, the following will be displayed:   
(Either on the same page or on another page)

* Which answers were right
* The total number of right answers

Details:

* Use input fields of type number for the choices
* Include 5 to 10 items
* Put the action method(s) in a new controller class

**Submission to Moodle**

Beta Version

Upload the following to the Code Review Forum:

1. A document containing screen-shots of the web app in exercise running in your browser. (please use .docx or .pdf format)
2. A zip file containing your web app’s Visual Studio solution folder.  
   Or, a link to a repository containing your web site solution source code. You can put the link on the same document with the report on your tutorial exercise.
3. A code review of your lab partner’s work. (You do this after your lab partner submits items 1 and 2 and you review them.)

Production Version

* 1. Items 1 and 2 above, but revised as needed.
  2. The code review of your work (the one done by your lab partner) with the second column (“Production”) completed by you.