ASP.NET MVC

The aim of this assignment is to familiarize you with ASP.NET MVC. To complete it, you just have to follow this tutorial from official Microsoft website and answer some questions posted below. That's it. There's no catch (I promised I'll be tapering down the workload as the semester progresses and I try to be a man of my word). The tutorial is in .NET Core, so you should be fine on whatever OS you prefer.

Alternatively to the tutorial mentioned above, you can complete my tutorial available here. It's in Polish, but I see absolutely no point in translating it to English since the one from Microsoft covers pretty much the same ground. So if you're Polish speaking, you can check it out, and if not, please do the official Microsoft tutorial. Whichever tutorial you choose, I would only like to ask you to include the following information when you email me with your solution. The answers can be short – even a single sentence should do for most of the questions. I just want to make sure that you got everything that I wanted you to get out of this.

1. What are the responsibilities of each layer of the MVC architecture and how are they connected?
2. What are the naming conventions for models, controllers, controller actions, views folders and views themselves?
3. How to pass data from controllers to views (2 options)?
4. How to map url's to controller actions?
5. How to restrict controller actions to be executed only via certain HTTP request types (e.g., only via POST)?
6. How to make sure a controller action can only be called through a form on our website and not through some external request?
7. Where do you define data validation and how do you ensure it in views and controllers?

As always, please also include what was new for you and what problems did you hit during the tutorial.

Good luck!