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's website (https://docs.microsoft.com/en-us/aspnet/core/tutorials/first-mvc-app/start-mvc?view=aspnetcore-7.0&tabs=visual-studio) and answer some questions posted below. That's it. The tutorial is in .NET Core, so you should be fine on whatever OS you prefer.

The answers for following questions can be short – even a single sentence should do for most of the questions.

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 URLs 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?

Please include these answers in the archive with the solution when you upload it to the eKursy platform.

Good luck!