

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://learn.microsoft.com/en-us/aspnet/core/tutorials/first-mvc-app/start-mvc?view=aspnetcore-9.0&tabs=visual-studio-code>) 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.

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?

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

Good luck!