

Activity 1 – Part 2

Kaya Nelson

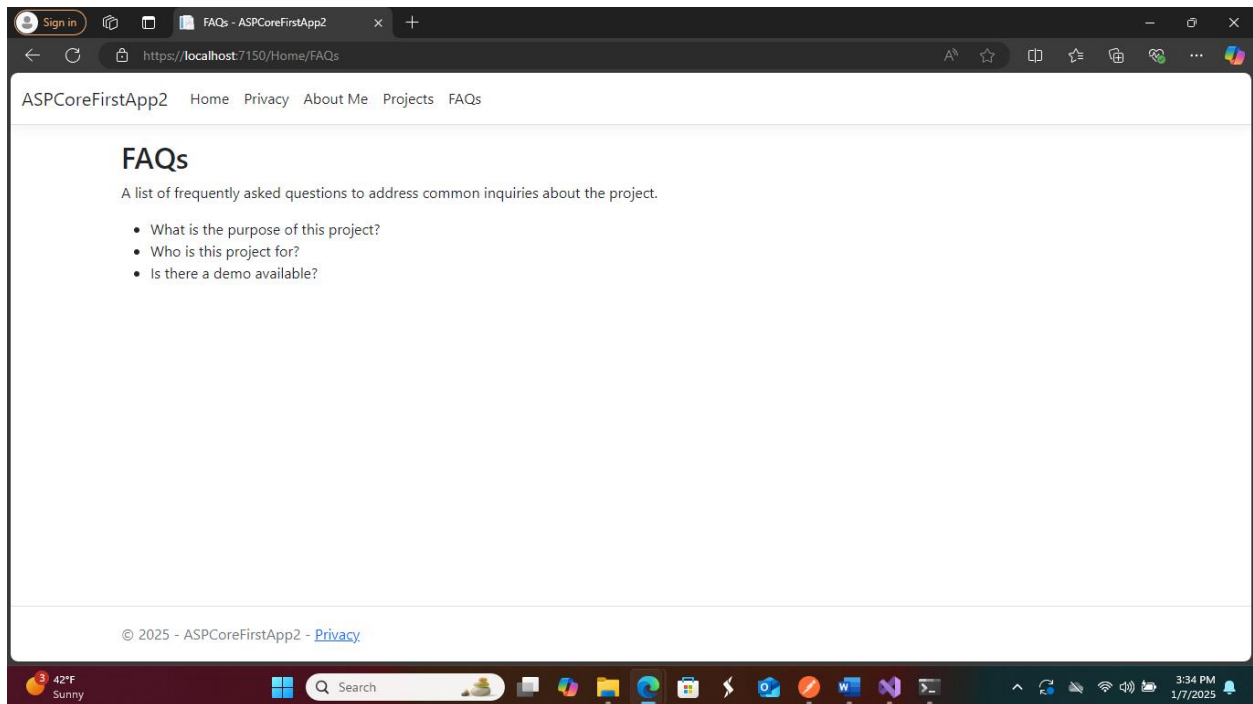
CST-350

Professor Donna Jackson

1/7/2025

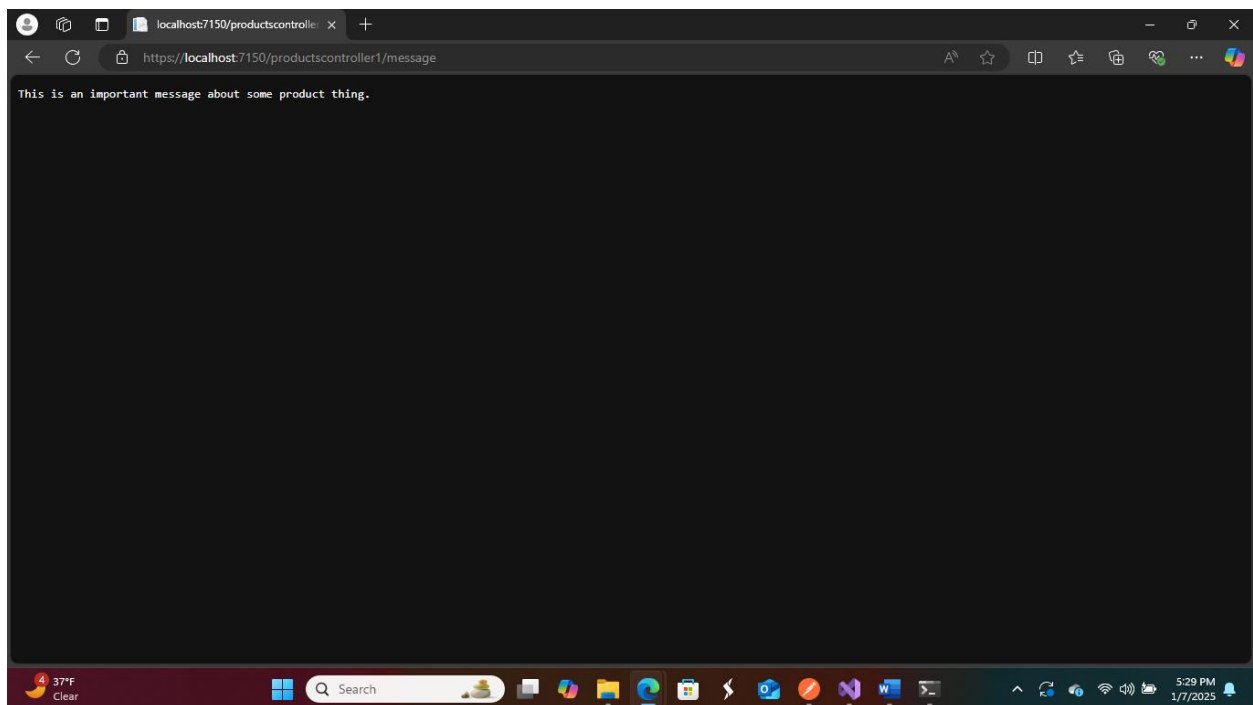
Github - [Kdeshun/CST-350](https://github.com/Kdeshun/CST-350)

## Products index page –



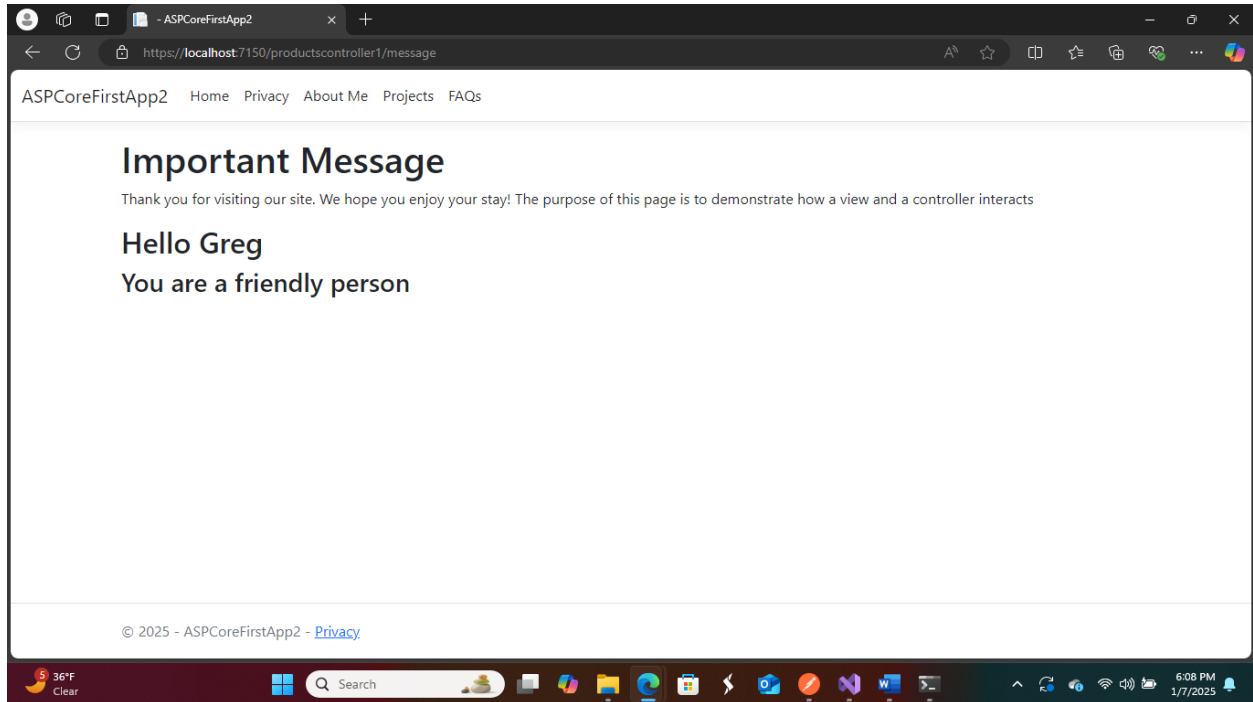
This screenshot presents the initial Products page of the web application, crafted by introducing a new controller called `ProductsController` and generating its associated "Index" view.

## Products message output –



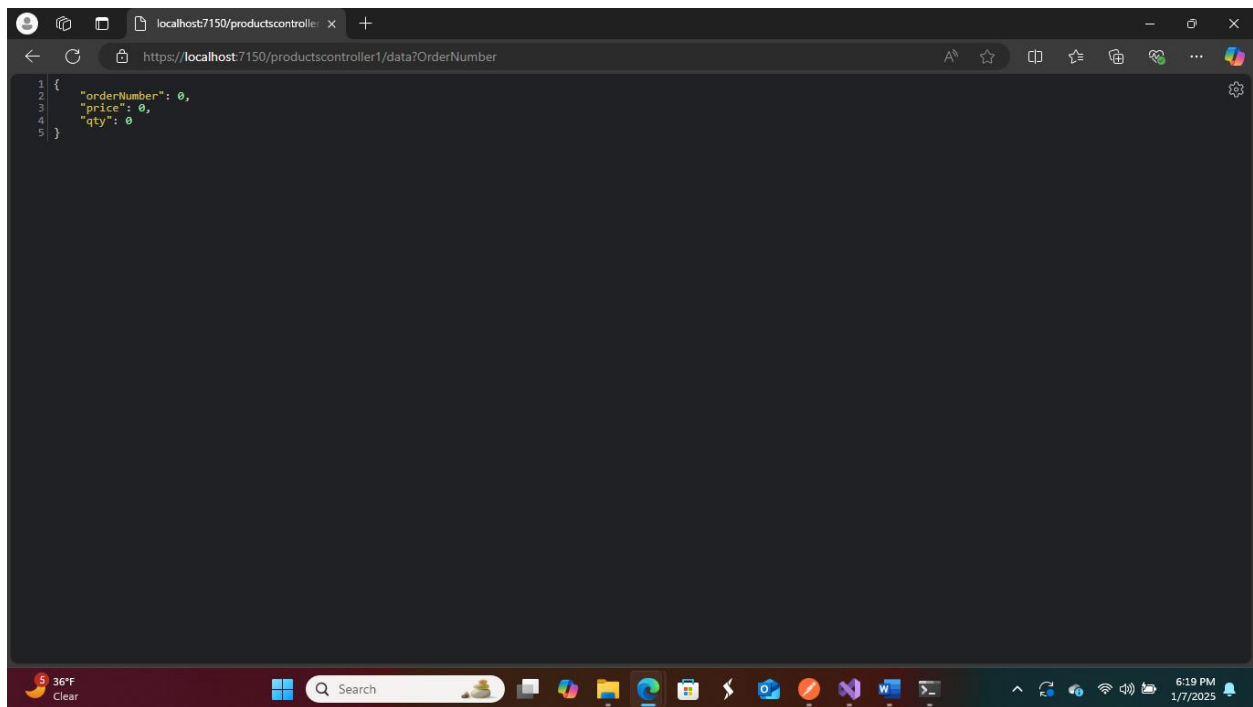
This screenshot showcases the output of the Message method in the ProductsController, which has been tailored to return a concise message string that is presented directly in the browser.

## Two parameters Name and Personality –



This screenshot reveals the output of the "Message" view, crafted to showcase the capabilities of Razor views in ASP.NET Core. It presents a sample message, complete with basic HTML formatting, highlighting the seamless integration of dynamic content and styling.

## JSON Output –



This screenshot captures the JSON output generated by the Data method within the ProductsController. It includes properties like orderNumber, price, and quantity, showcasing an effective approach to delivering structured data straight to the browser.

## Summary for part 2 –

In Part 2 of this activity, we enhanced the web application by integrating new features via controllers, views, and JSON data. We initiated the process by creating a new controller, ProductsController, and generating corresponding views for various actions. This exploration included utilizing parameters to pass information from the URL to the controller, enabling us to dynamically modify the view based on user inputs.

Furthermore, we illustrated how to return JSON data from a controller method, highlighting its utility for APIs and client applications. We also enriched the user interface by adding and modifying Razor views, incorporating basic HTML and CSS elements to create a more engaging user experience.

Through these exercises, we showcased the capabilities of ASP.NET Core MVC in crafting interactive, data-driven web applications, leveraging routing, controllers, views, and JSON to build a flexible and robust web solution.