Building a Web Application

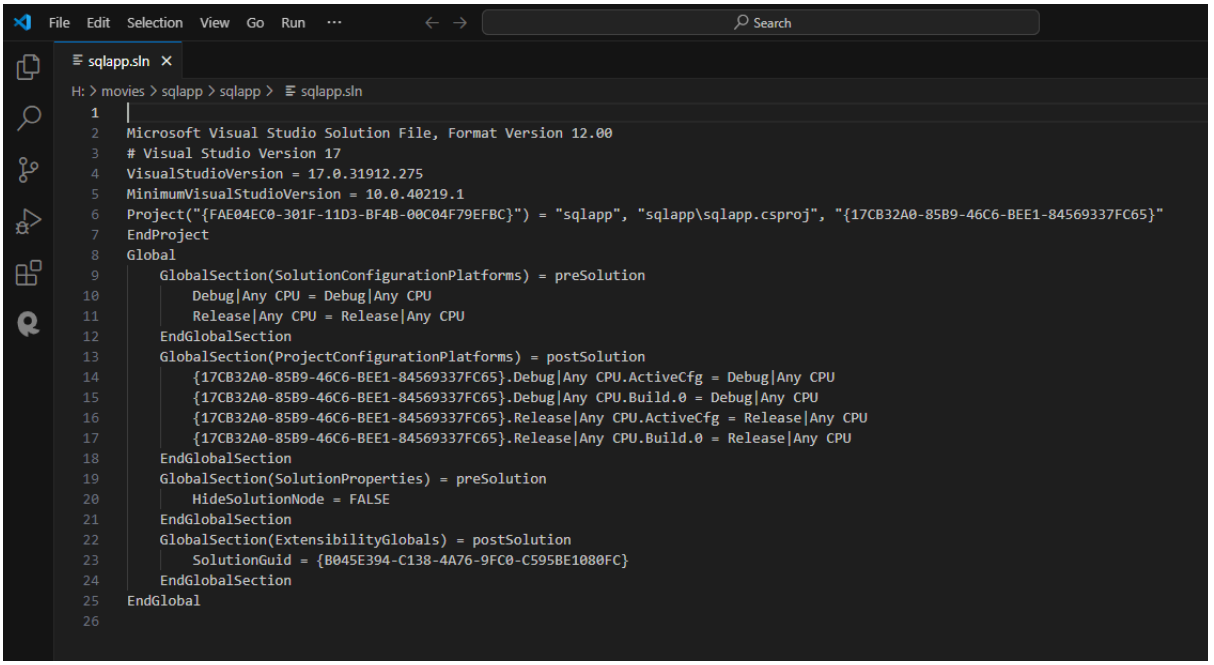
It is a simple .NET web application that displays a list of courses. The application showcases basic web functionality by pulling course data from a **local CSV file**, which includes details like course ID, exam name, course name, rating, and image file paths. These images are stored in the **images folder** within the application. This initial setup demonstrates how to display data and interact with a user-friendly web interface.

However, as best practice dictates, it's important to separate the application's data from its code and move it to more robust and scalable solutions. In the upcoming steps, we will migrate the data into an **Azure SQL Database** and store the images in an **Azure Storage Account**, leveraging the power of Microsoft Azure to improve the application's scalability, security, and maintainability. This will demonstrate how to modernize and optimize a simple web application using cloud-based services.

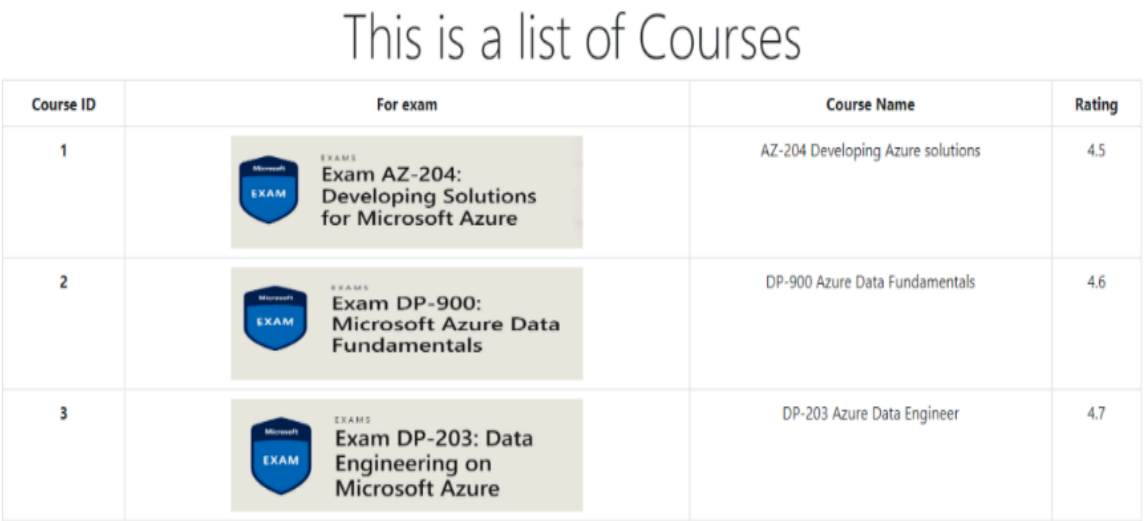
The end goal of this lab is to download a zip file containing a web application from GitHub, unzip it, and run the application in Visual Studio. Upon successfully running the application, it will open in a browser and display a page with a list of courses. This confirms that the web application is functioning correctly. In the next lab, we will enhance the application by connecting it to Azure services, such as Azure SQL Database and Azure Storage Account, to store data and manage images, moving the application from local data to cloud-based resources for better scalability and performance.

To begin with the lab

1. Now download a zip file from Github for a web application which will be used in this lab
2. Once you have downloaded it you need to unzip the file and then run this file in Visual Studio.
3. In Visual Studio you just need to run this application



4. Once you run the code it will directly redirect you to this page



5. If this page appears, it means that your web application is working fine. In the next lab we will learn how to connect our application to the cloud.