

# Building Your First .NET 6 MVC Application - Machine Setup for VS Code

I look forward to working with you in the 2-day training course on .NET 6 MVC on March 21-22. **Please make sure your machine is setup** and ready to go prior to the first day of class to ensure we do not have to spend class time working through configuration issues.

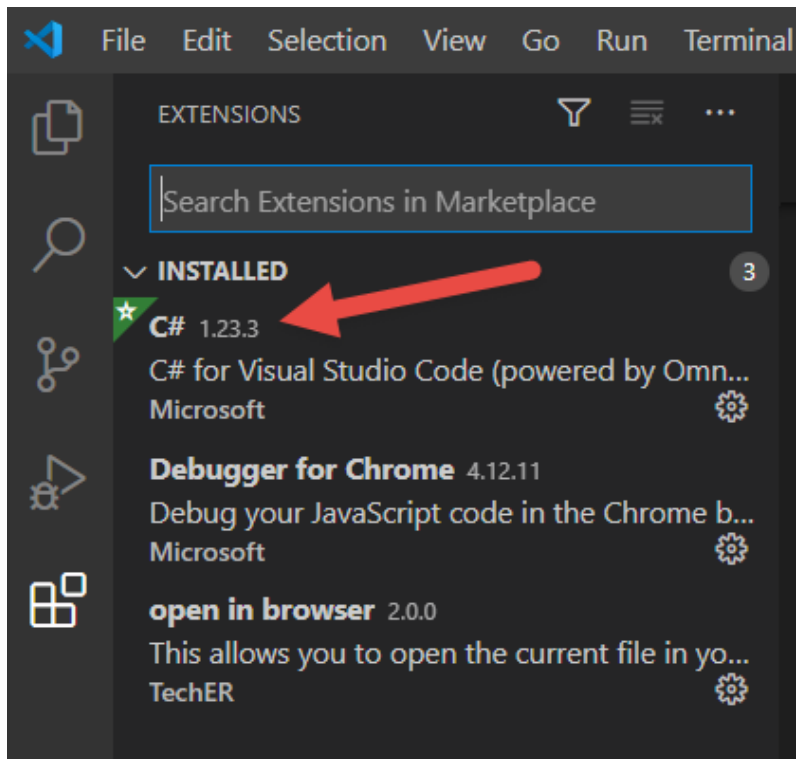
In this class I will be using **Visual Studio 2022 Community Edition** for the samples and labs, however, you are welcome to use **VS Code** if you wish. Please make sure you have installed the following on your machine prior to the class.

<b>NOTE:</b>	All the samples and labs are written using Visual Studio 2022. If you choose to use VS Code, I am assuming you are very familiar with it. I won't have a lot of time to help you with VS Code issues during the class.
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## Install VS Code

<https://code.visualstudio.com/>

## Install C# for VS Code



## Install .NET 6.0

<https://dotnet.microsoft.com/download/dotnet/6.0>

## SQL Server Developer Edition or Higher

Install SQL Server

<https://www.microsoft.com/en-us/sql-server/sql-server-downloads>

## AdventureWorksLT Database

Install this database into your SQL Server

<https://docs.microsoft.com/en-us/sql/samples/adventureworks-install-configure?view=sql-server-ver15&tabs=ssms>

If you need the .SQL files to create the tables, objects and add the data, you can find this at <https://github.com/PaulDSheriff/AdventureWorksLT>.

## Test the Sample

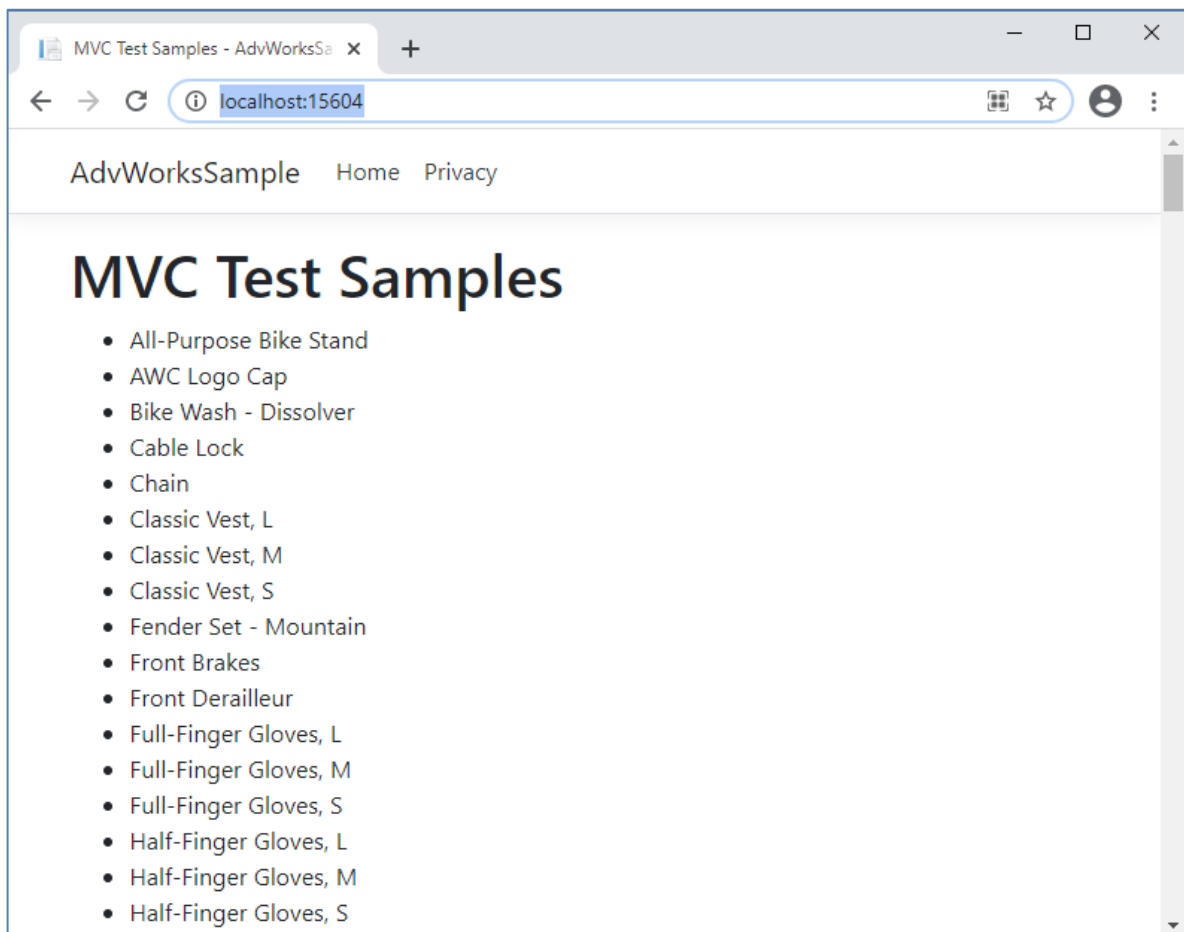
Go to the **AdvWorksSample\AdvWorksSample** folder and right mouse-click and select the **Open with Code** menu item.

Open the **appsettings.json** file and change the connection string on line 3 as appropriate for your machine.

Select **Run | Start Debugging** from the VS Code menu.

If you get no errors, then open a browser and navigate to <http://localhost:5000>.

You should see a page that looks like the following:



If you see this page, you are good to go for the class.

## Errors?

If you receive error messages on the page, there are few likely causes

1. Incorrect connection string
2. Incorrect version of .NET installed
3. Incorrect version of Visual Studio Code installed

## Contact Me If Needed

If you just can not get the sample to work, please contact me at [psheriff@pdsa.com](mailto:psheriff@pdsa.com) prior to the class and send me screen shots of the errors you are getting.

Thanks,

Paul D. Sheriff