

MVC Basics Lab Using VS Code

Lab 1: Create MVC Core Project

Open VS Code

Select **Terminal** | **New Terminal**

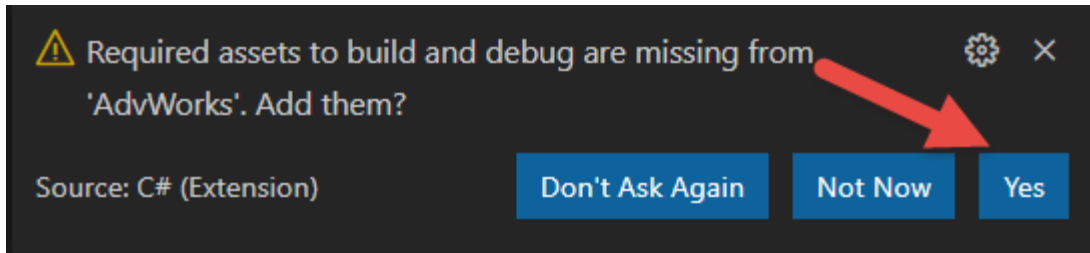
Go to a folder where you want to store your projects (Example: D:\Samples)

```
dotnet new mvc -n AdvWorks --no-https
```

Click on **File** | **Open Folder...**

Select the folder you just created to load it in VS Code

Load the folder in Code and in a few seconds you should see the following:



Answer "Yes" to the prompt to add Required Assets

Try it Out

Select **Run** | **Start Debugging** to run the application

You can also use the following command:

```
dotnet watch run
```

You then need to browse to the web application.

```
https://localhost:5001/
```

Using the "dotnet watch run" command allows you to make dynamic changes and refresh your page and see the changes immediately.

Enable Razor runtime compilation

Install the **Microsoft.AspNetCore.Mvc.Razor.RuntimeCompilation** NuGet package.

```
dotnet add package Microsoft.AspNetCore.Mvc.Razor.RuntimeCompilation
```

Open the **Program.cs** file

Modify the following line of code:

```
Builder.Services.AddControllersWithViews().AddRazorRuntimeCompilation();
```