MA Practical 1

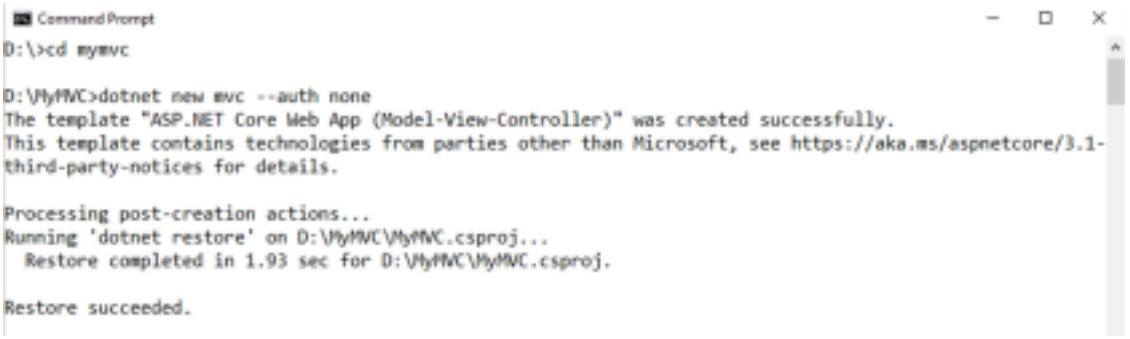
1)Install .Net Core Sdk (Link: https://dotnet.microsoft.com/learn/dotnet/hello-world-tutorial/install) 2)create folder MyMVC folder in D: drive or any other drive

3)open command prompt and perform following operations

Command: to create mvc project

dotnet new mvc --auth none

output:



4) Go to controllers folder and modify HomeController.cs file to match following: using System;

using System.Collections.Generic;

using System.Diagnostics;

using System.Linq;

using System.Threading.Tasks;

using Microsoft.AspNetCore.Mvc;

using Microsoft.Extensions.Logging;

using MyMVC.Models;

namespace MyMVC.Controllers

{ public class HomeController : Controller

{

public String Index()

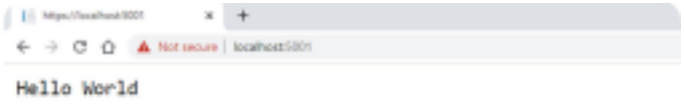
{ return "Hello World"; }

}

}

5) Run the project

Now open browser and and type URL: localhost:5000



6) Now go back to command prompt and stop running project using CTRL+C

7)Go to models folder and add new file StockQuote.cs to it with following content using System;
namespace MyMVC.Models
{
 public class StockQuote
 { public string Symbol {get;set;}
 public int Price{get;set;}
 }
}

8)Now Add View to folder then home folder in it and modify index.cshtml file to match following @{
 ViewData["Title"] = "Home Page";
}

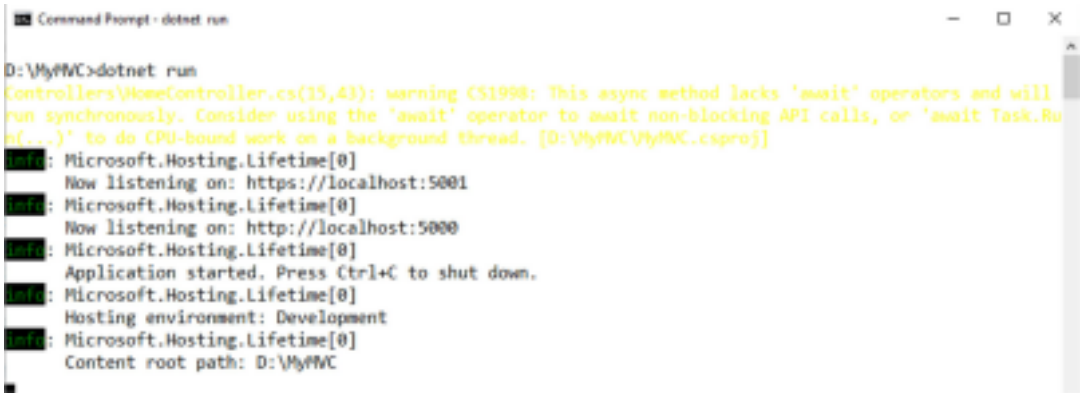
 Symbol: @Model.Symbol
 Price: $@Model.Price

9)Now modify HomeController.cs file to match following:
using System;
using System.Collections.Generic;
using System.Diagnostics;
using System.Linq;
using System.Threading.Tasks;
using Microsoft.AspNetCore.Mvc;
using Microsoft.Extensions.Logging;
using MyMVC.Models;

```
namespace MyMVC.Controllers
{
 public class HomeController : Controller
 { public async Task <IActionResult> Index()
 {
 var model= new StockQuote{ Symbol='HLLO', Price=3200};
 return View(model);
 }
 }
}
```

10)Now run the project using

dotnet run



11)Now go back to browser and refresh to get modified view response