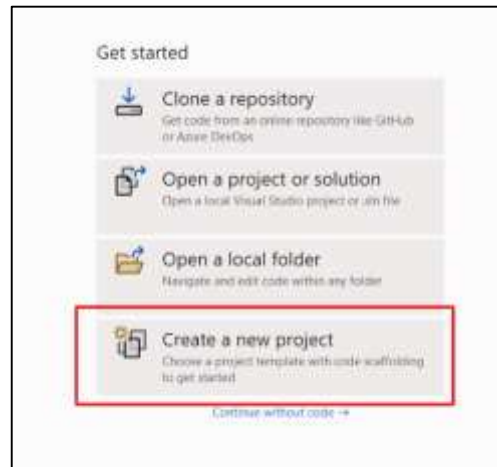


Module-2

Basic layout of MVC application

In this section, we will create a new MVC web application using Visual Studio and understand the basic building blocks of the ASP.NET MVC Application. We are going to use ASP.NET MVC v5.2.7, and Visual Studio 2022 community edition, and .NET Framework 4.8 to create our first MVC application.

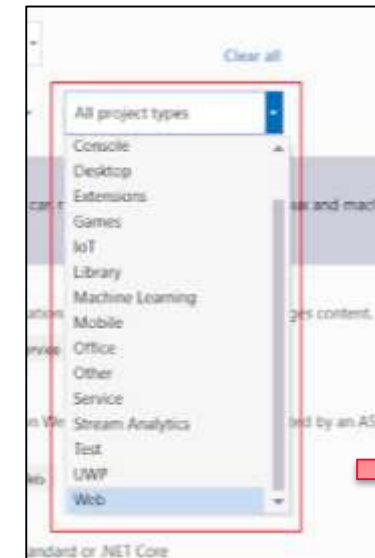
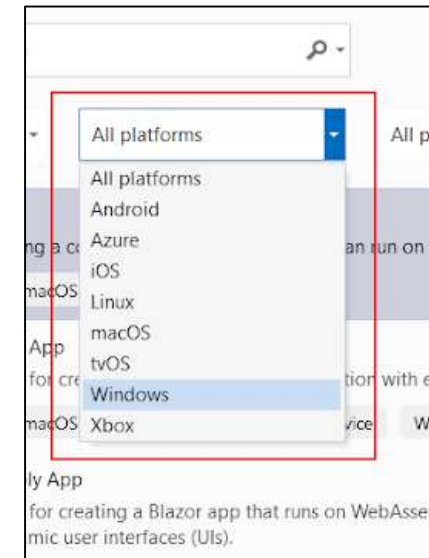
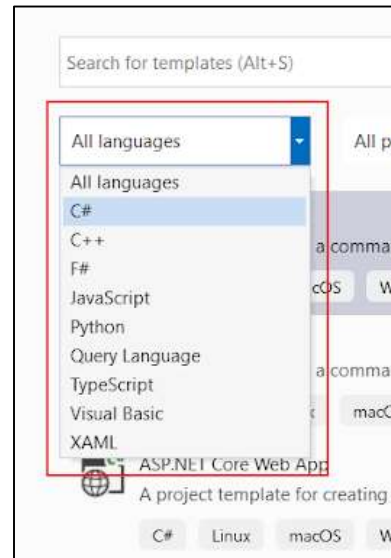
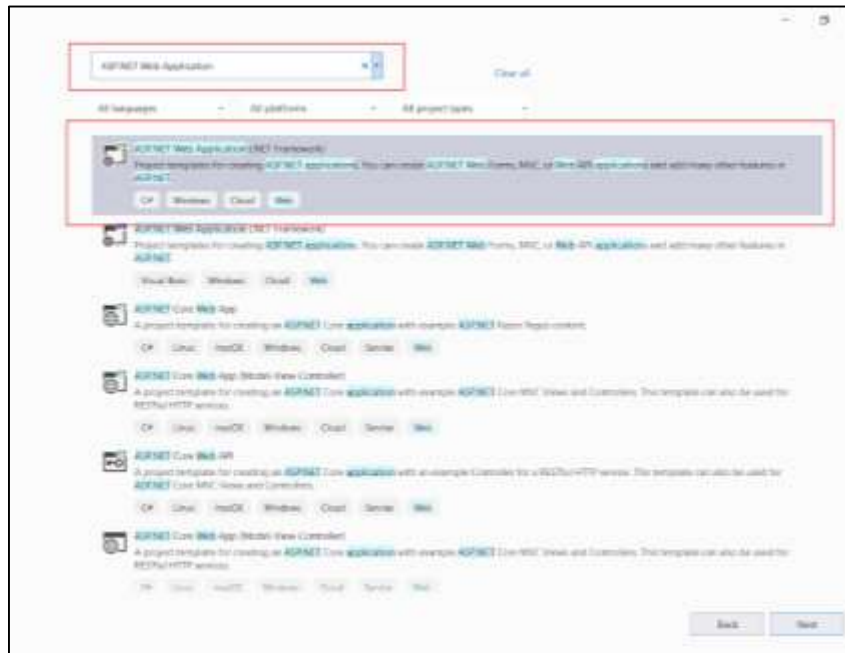
- First Creating a new project.



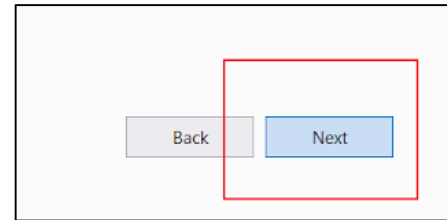
- This page shows many project templates that can be used to make the project.



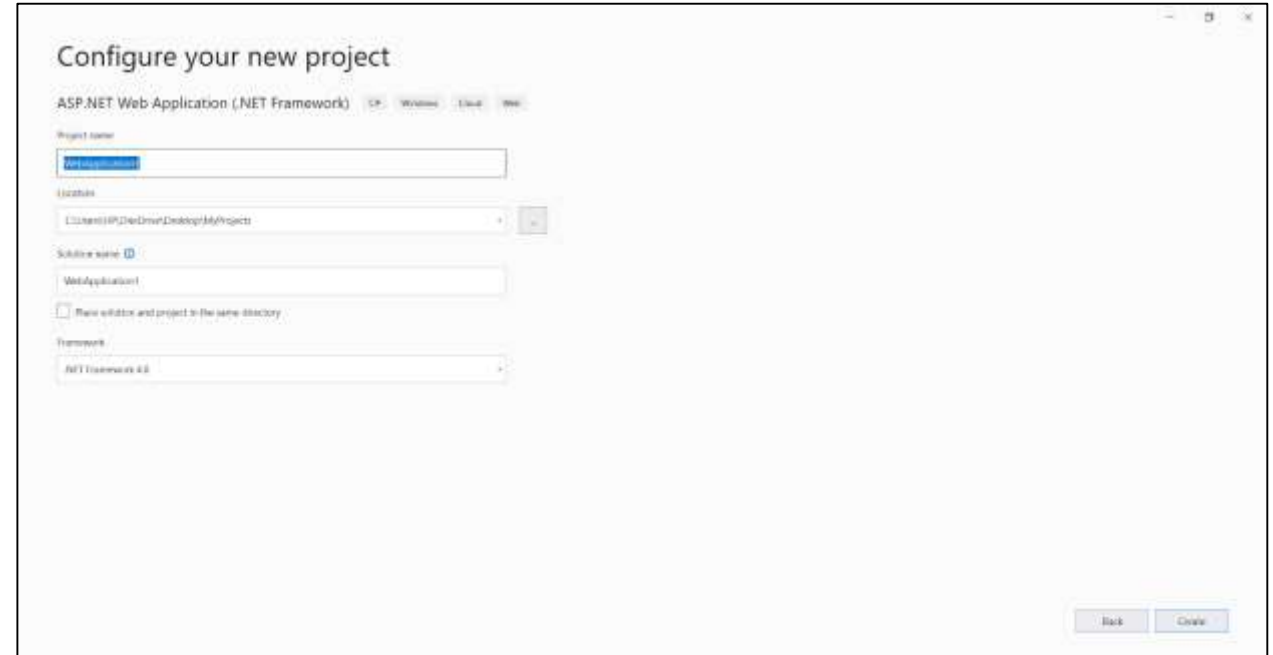
- For our MVC project we need a ASP.NET Web application with .NET framework; In order to select this template we can-
- Search through templates
- Or we can filter it using dropdown options available and then select what meets our requirement



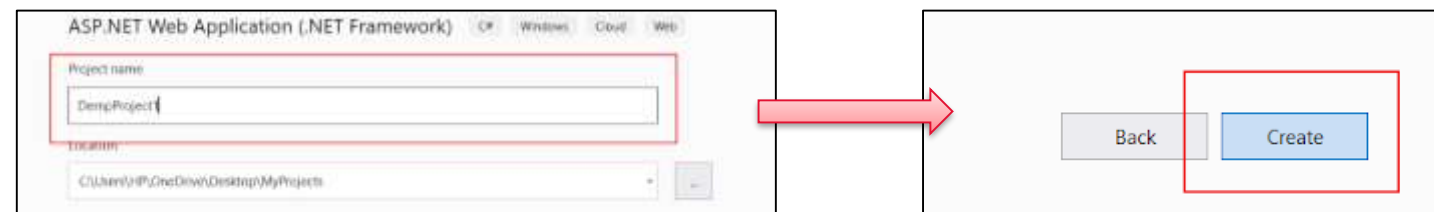
- Click next



- This is the default Configure project page you can change project name, browse location, change framework version etc.



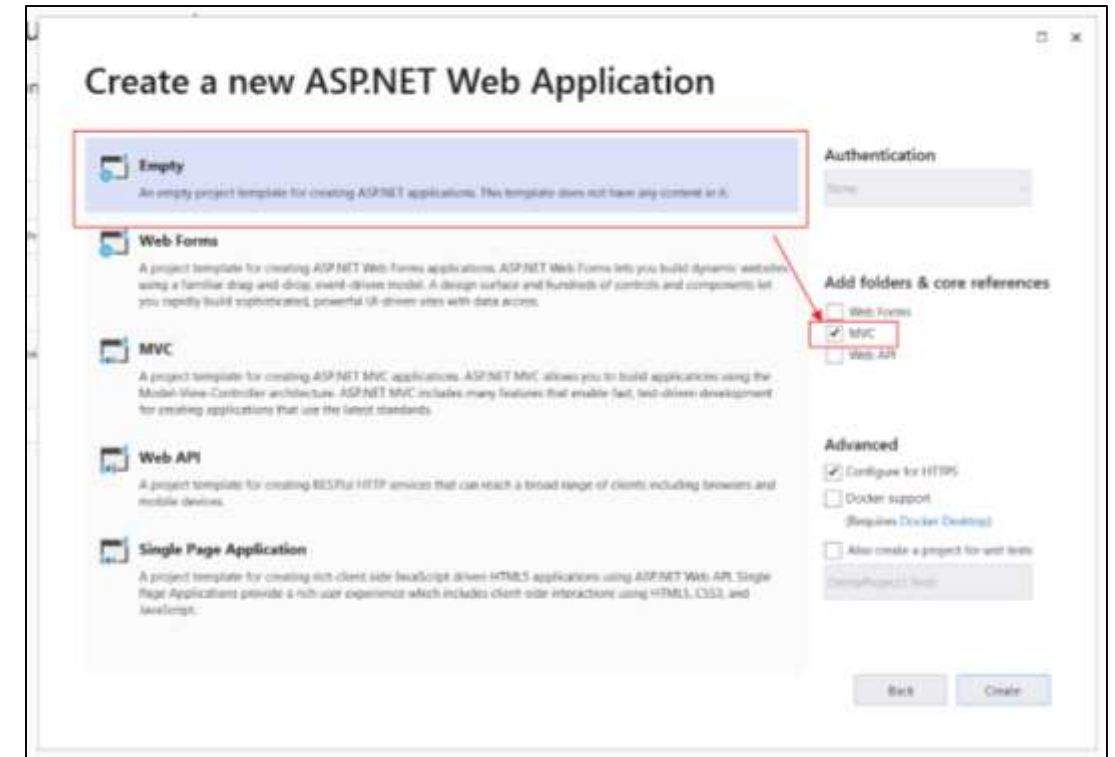
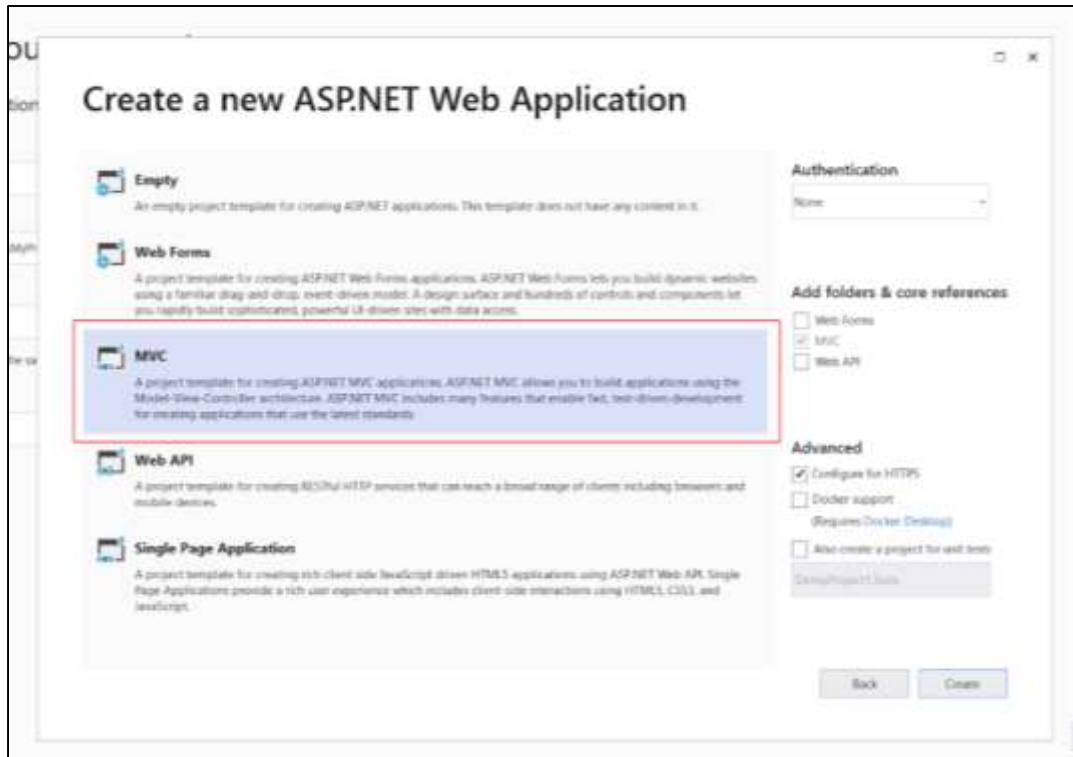
- Changing project name and click create



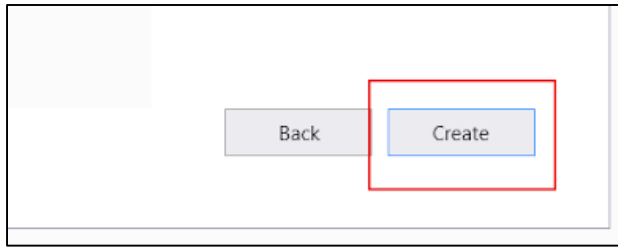
- Now in this page we have to select what kind of project we will be creating or we can say it's a template we will be using, now since we are creating MVC project we can use two methods to do so -

1. Using direct MVC and creating (By using MVC directly, we will get readymade folder and references and a default web page layout in which we can make changes according to us)

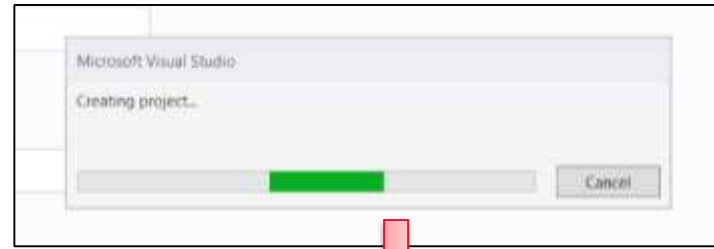
2. Or we can first select an empty project and then check MVC checkbox to add its folders and references (Using empty will only get structure of the project and nothing will be included by default)



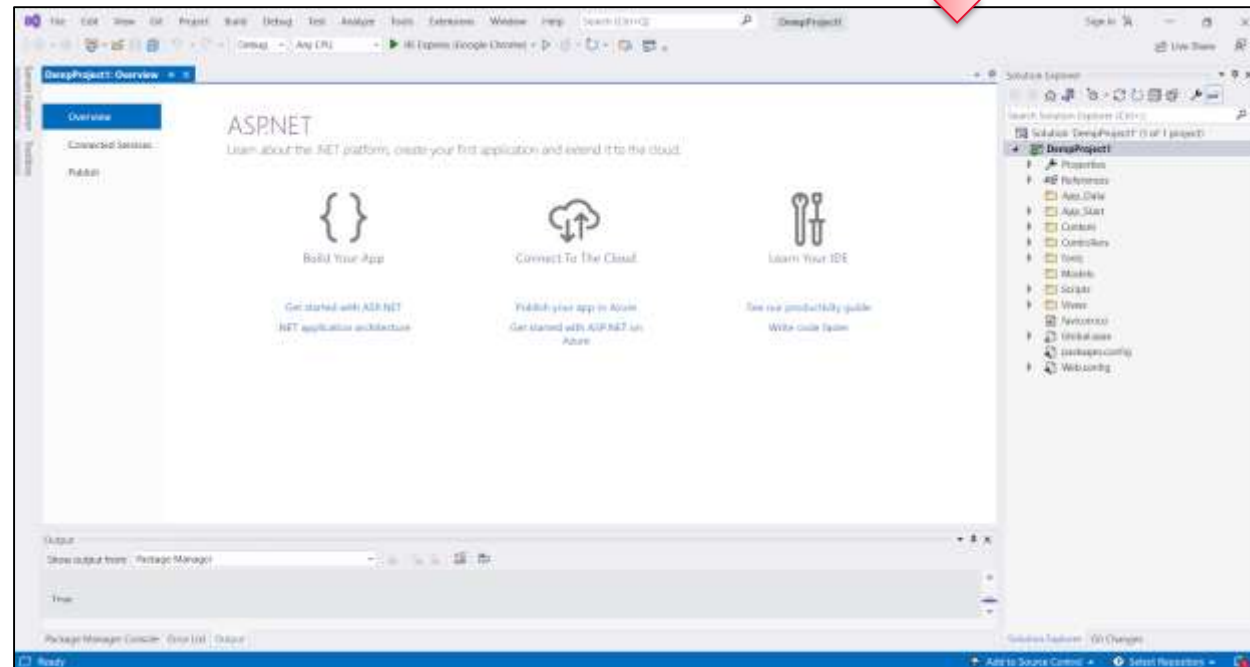
- Click Create



- The project will take sometime to create

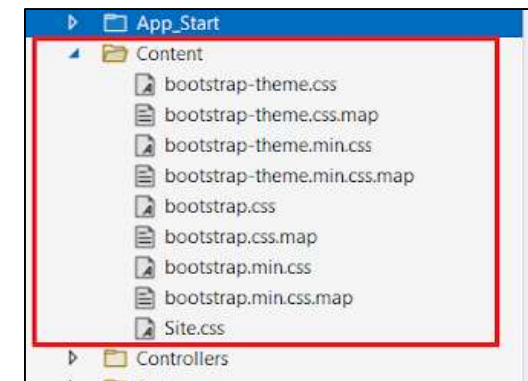
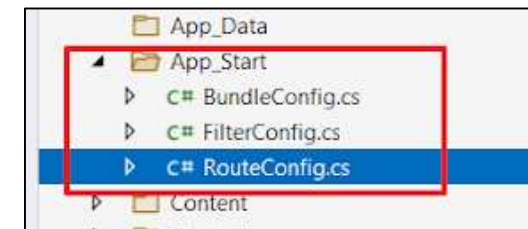


- After loading this will be the default project look



MVC application structure

- **App_Data:** All the data which is required for read and write into application
- **App_Start:** Here we put all the configuration file. Ex-
 - Route Configuration
 - Bundle Configuration
 - Filter Configuration
- **Content:** It stores images, CSS, etc. (Other than scripts)

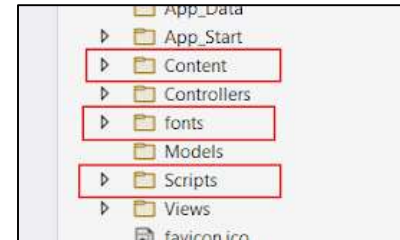


- **Controllers:** Here we put all the controllers.



- **Fonts:** These are some custom fonts which are used by bootstrap.

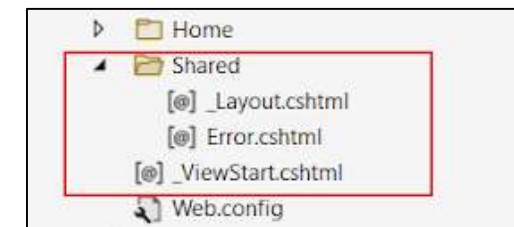
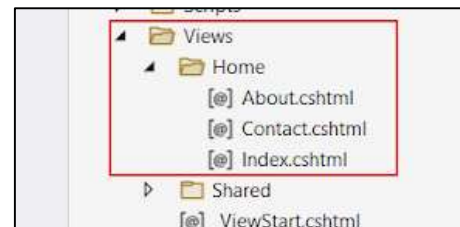
- **Scripts:** Here we put all the scripts of the application.



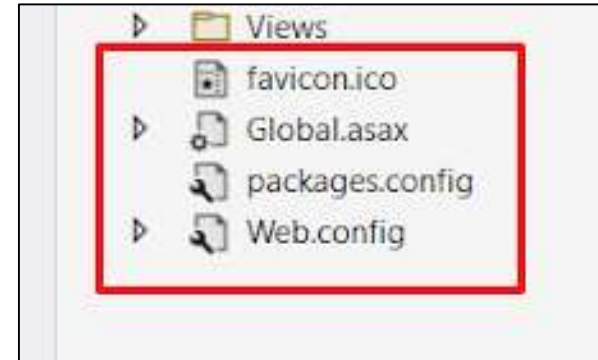
- **Models:** These folder has all the models.(Every data comes here)



- **Views:** Here we put all the views, it has two view folder
 - Controller view folder
 - Shared Folder



- **favicon.ico:** favicon file
- **Global.asax:** Whenever a file is run this file is executed first
- **package.config:** Collection of package
- **Web.config:** Configuration file





THANK YOU