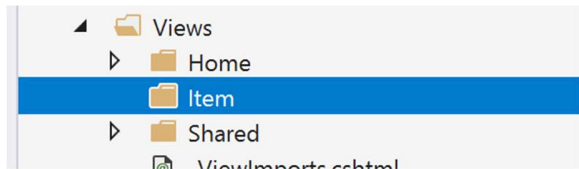


## Creating a List Page (View) using Visual Studio

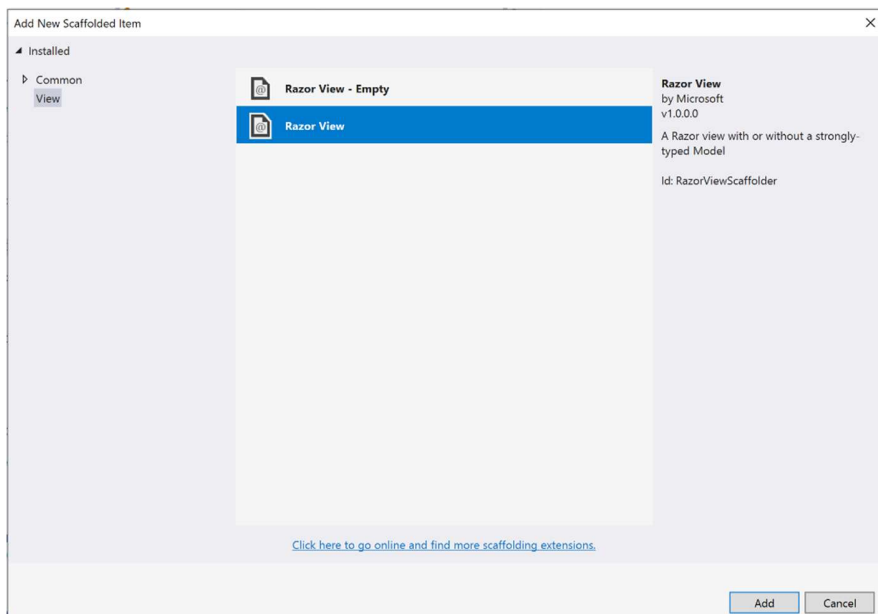
1. From the Solution Explorer, create a new subfolder from **Views** and name it **Item**.



2. Open **ItemController.cs** from **Controllers** folder.
3. From the **Index** method, right-click then select **Add View...**



4. From the **Add New Scaffold Item** window, select **Razor View**.



5. Click the **Add** button to continue.
6. From the **Add Razor View** window, set **Index** as View Name, **List** as Template, **Item** as Model Class, and **ApplicationDbContext** as Data context class.

Add Razor View

View name:

Template:

Model class:

Data context class:

Options:

☐ Create as a partial view

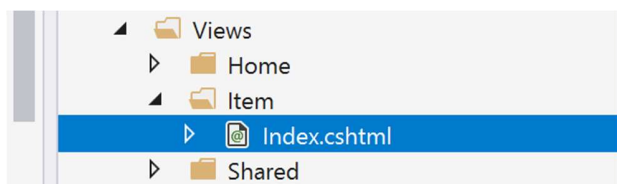
☒ Reference script libraries

☒ Use a layout page:

...

(Leave empty if it is set in a Razor \_viewstart file)

7. Click the **Add** button to generate the view.
8. **Index.cshtml** will appear from **Views > Item** folder.



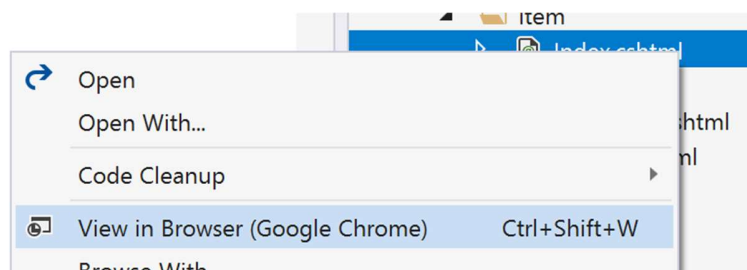
9. **Index.cshtml** contains auto-generated HTML and Razor syntax.

```

Index.cshtml
1  @model IEnumerable<MyInventory.Models.Item>
2
3  @{
4      ViewData["Title"] = "Index";
5  }
6
7  <h1>Index</h1>
8
9  <p>
10     <a asp-action="Create">Create New</a>
11 </p>
12 <table class="table">
13     <thead>
14         <tr>
15             <th>
16                 @Html.DisplayNameFor(model => model.Name)
17             </th>
18             <th>
19                 @Html.DisplayNameFor(model => model.Code)
20             </th>
21             <th>
22                 @Html.DisplayNameFor(model => model.Description)
23             </th>
24             <th>
25                 @Html.DisplayNameFor(model => model.Price)
26             </th>
27             <th>
28                 @Html.DisplayNameFor(model => model.DateAdded)
29             </th>
30             <th>
31                 @Html.DisplayNameFor(model => model.DateModified)
32             </th>
33             <th>
34                 @Html.DisplayNameFor(model => model.ItemType)
35             </th>
36         </tr>
37     </thead>
38     <tbody>
39         @foreach (var item in Model)
40         {
41             <tr>
42                 <td>@item.Name</td>
43                 <td>@item.Code</td>
44                 <td>@item.Description</td>
45                 <td>@item.Price</td>
46                 <td>@item.DateAdded</td>
47                 <td>@item.DateModified</td>
48                 <td>@item.ItemType</td>
49             </tr>
50         }
51     </tbody>
52 </table>

```

10. Press **F5** or **Debug > Start Debugging** to run the program.
11. You can access the **Index** page using **localhost:<port number>/Item/Index** or right-click **Index.cshtml** then select **View in Browser**.



12. The **Index** page will show the interface similar to below.

