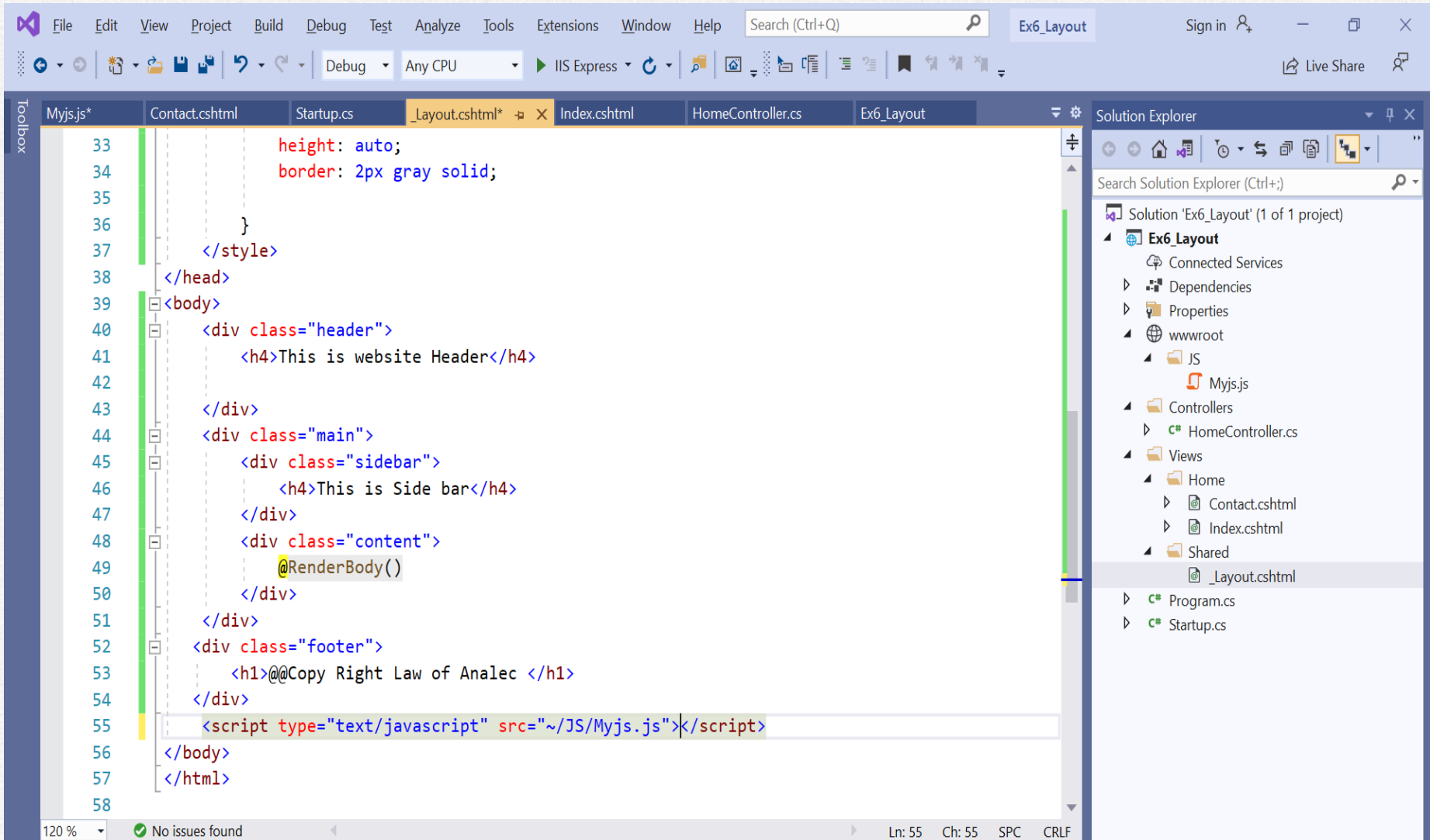


Section in Layout View Page ASP.NET Core MVC

-

- 1) Create a javascript file inside wwwroot folder
- 2) call this javascript in _Layout page
- 3) Run the index page but javascript file is not loaded.
- 4) add a service for load static files first.



The screenshot shows the Visual Studio IDE with the following components:

- Toolbox:** Displays the file list for the project: `Myjs.js*`, `Contact.cshtml`, `Startup.cs`, `_Layout.cshtml*` (selected), `Index.cshtml`, `HomeController.cs`, and `Ex6_Layout`.
- Code Editor:** Shows the content of `_Layout.cshtml`. The code includes a CSS style block, a header section, a main content area with a sidebar and content divs, a footer section, and a script tag at the bottom.

```
33         height: auto;
34         border: 2px gray solid;
35     }
36 }
37 </style>
38 </head>
39 <body>
40     <div class="header">
41         <h4>This is website Header</h4>
42     </div>
43     <div class="main">
44         <div class="sidebar">
45             <h4>This is Side bar</h4>
46         </div>
47         <div class="content">
48             @RenderBody()
49         </div>
50     </div>
51     <div class="footer">
52         <h1>@@Copy Right Law of Analtec </h1>
53     </div>
54     <script type="text/javascript" src="~/JS/Myjs.js"></script>
55 </body>
56 </html>
```
- Solution Explorer:** Shows the project structure for 'Ex6_Layout'. The tree view includes:
 - Ex6_Layout
 - Connected Services
 - Dependencies
 - Properties
 - wwwroot
 - JS (containing Myjs.js)
 - Controllers
 - HomeController.cs
 - Views
 - Home
 - Contact.cshtml
 - Index.cshtml
 - Shared
 - _Layout.cshtml
 - Program.cs
 - Startup.cs

30- Section in Layout View P...
https://localhost:44331

localhost:44331

Appshttps://mail.google...Googlelocalhost:1031GmailYouTubeMapsNew Tab

localhost:44331 says
Hello This is Java Script File
OK

This is website Header

This is Side bar

Index

@Copy Right Law of Analec

Waiting for localhost...

Type here to search

ENG13:1021-01-2021

- If we want to load the .js file in some pages only from _Layout page.
- 1)Create a @RenderSection();
- 2)Call this required pages.

The screenshot displays the Visual Studio IDE with the following components:

- File Explorer:** Shows the project structure for 'Ex6_Layout'. The file 'Myjs.js' is highlighted in the 'JS' folder.
- Code Editor:** Displays the '_Layout.cshtml' file with the following code:

```
39 <body>
40   <div class="header">
41     <h4>This is website Header</h4>
42   </div>
43   <div class="main">
44     <div class="sidebar">
45       <h4>This is Side bar</h4>
46     </div>
47     <div class="content">
48       @RenderBody()
49     </div>
50   </div>
51   <div class="footer">
52     <h1>@@Copy Right Law of Analec </h1>
53   </div>
54   @*<script type="text/javascript" src="~/JS/Myjs.js"></script>*@
55   @RenderSection("JS1");
56
57 </body>
58 </html>
```
- Output Window:** Shows the build output for 'Ex6_Layout', indicating a successful build.

```
Build: 1
succeeded,
0 failed,
0 up-to-
```
- Solution Explorer:** Shows the project structure for 'Ex6_Layout', including folders for 'Controllers', 'Views', and 'Shared'.

Visual Studio interface showing a web application project named "Ex6_Layout".

File Explorer (Solution Explorer):

- Ex6_Layout
 - Connected Services
 - Dependencies
 - Properties
 - wwwroot
 - JS
 - Myjs.js
 - Controllers
 - HomeController.cs
 - Views
 - Home
 - Contact.cshtml
 - Index.cshtml
 - Shared
 - _Layout.cshtml
 - C# Program.cs
 - C# Startup.cs

Code Editor (Contact.cshtml):

```
1  @{
2      ViewData["Title"] = "Contact";
3      Layout = "~/Views/Shared/_Layout.cshtml";
4  }
5
6  <h2>Contact</h2>
7  <p1>asdfadfadsfsadf</p1>
8  <p1>asdfadsfdasdasdsdfsaf</p1>
9
10 @section JS1{
11
12     <script type="text/javascript" src="~/JS/Myjs.js"></script>
13 }
14
15
```

Output Window:

```
Build: 1
succeeded,
0 failed,
0 up-to-
date, 0
skipped
```

Taskbar:

- Windows Start button
- Search bar: Type here to search
- Taskbar icons: File Explorer, Google Chrome, Visual Studio, Mail, Edge, Word, PowerPoint, etc.
- System tray: Add to Source Control, Date/Time (13:20, 21-01-2021), Language (ENG)

Visual Studio interface showing a web application project named 'Ex6_Layout'.

File Explorer (Left):

- Myjs.js
- Contact.cshtml
- Startup.cs
- _Layout.cshtml
- Index.cshtml (Selected)
- HomeController.cs

Code Editor (Center):

```
1
2  @{
3      Layout = "~/Views/Shared/_Layout.cshtml";
4  }
5
6  <h2>Index</h2>
7
8  @section JS1{ }
```

Output Window (Bottom Right):

```
1>Ex6_Layout -> C:\Users\Lenovo\Desktop\AspNetCore\Examples\Ex6_Layout\bin\Debug\netcoreapp2.1\Ex6_Layout.Views.dll
Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped
```

Solution Explorer (Right):

- Solution 'Ex6_Layout' (1 of 1 project)
- Ex6_Layout
 - Connected Services
 - Dependencies
 - Properties
 - wwwroot
 - JS
 - Myjs.js
 - Controllers
 - HomeController.cs
 - Views
 - Home
 - Contact.cshtml
 - Index.cshtml
 - Shared
 - _Layout.cshtml
 - Program.cs
 - Startup.cs

- `@*<script type="text/javascript" src="~/JS/Myjs.js"></script>*@`
- `@*` Must to have to call this JS1 in every page `*@`
- `@*@RenderSection("JS1");*@`
- `@*` may be or not call this JS1 in every page `*@`
- `@RenderSection("JS1", false);`

Toolbox

AboutUs.cshtml Myjs.js Contact.cshtml Startup.cs _Layout.cshtml Index.cshtml

```
39 <body>
40   <div class="header">
41     <h4>This is website Header</h4>
42   </div>
43   <div class="main">
44     <div class="sidebar">
45       <h4>This is Side bar</h4>
46     </div>
47     <div class="content">
48       @RenderBody()
49     </div>
50   </div>
51   <div class="footer">
52     <h1>@@Copy Right Law of Analec </h1>
53   </div>
54   @*<script type="text/javascript" src="~/JS/Myjs.js"></script>*@
55   @*Must to have to call this JS1 in every page*@
56   @*@RenderSection("JS1");*@
57   @*may be or not call this JS1 in every page*@
58   @RenderSection("JS1", false);
59
60
61
62 </body>
63 </html>
64
```

Output

Finding the generator 'view'...
Running the generator 'view'...
Added View :
Views
Home
AboutUs.cshtml

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'Ex6_Layout' (1 of 1 project)

- Ex6_Layout
 - Connected Services
 - Dependencies
 - Properties
 - wwwroot
 - JS
 - Myjs.js
 - Controllers
 - HomeController.cs
 - Views
 - Home
 - AboutUs.cshtml
 - Contact.cshtml
 - Index.cshtml
 - Shared
 - _Layout.cshtml
 - Program.cs
 - Startup.cs

120 % No issues found Ln: 53 Ch: 32 SPC CRLF

Toolbox

AboutUs.cshtml Myjs.js Contact.cshtml Startup.cs _Layout.cshtml Index.cshtml

```
1
2 @{
3     ViewData["Title"] = "AboutUs";
4     Layout = "~/Views/Shared/_Layout.cshtml";
5 }
6
7 <h2>AboutUs</h2>
8
9
```

Output

```
\Ex6_Layout
t\bin
\Debug
\netcoreap
p2.1
\Ex6_Layout
t.dll
1>Ex6_Layout
-> C:
\Users
\Lenovo
\Desktop
\AspNet_C
ore
\Examples
\Ex6_Layout
t\bin
\Debug
\netcoreap
p2.1
\Ex6_Layout
t.Views.dl
l
=====
Build: 1
succeeded,
0 failed,
0 up-to-
date, 0
skipped
=====
```

Solution Explorer

Search Solution Explorer (Ctrl+):

Solution 'Ex6_Layout' (1 of 1 project)

- Ex6_Layout
 - Connected Services
 - Dependencies
 - Properties
 - wwwroot
 - JS
 - Myjs.js
 - Controllers
 - HomeController.cs
 - Views
 - Home
 - AboutUs.cshtml
 - Contact.cshtml
 - Index.cshtml
 - Shared
 - _Layout.cshtml
 - Program.cs
 - Startup.cs

120 % No issues found Ln: 4 Ch: 46 SPC CRLF

Build succeeded

Thanks