

ASSIGNMENT-4

Q-1).

CODE:-

The screenshot displays the Visual Studio IDE with two files open: `TableController.cs` and `Table.cshtml`.

TableController.cs (C# Code):

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Web;
5 using System.Web.Mvc;
6
7 namespace Assi_4_Q1_Aayushi.Controllers
8 {
9     public class TableController : Controller
10     {
11         // GET: Table
12         public ActionResult Index()
13         {
14             return View();
15         }
16         public ActionResult Table(int? Number)
17         {
18             ViewBag.Number = Number ?? 0;
19             return View();
20         }
21     }
22 }
```

Table.cshtml (Razor View):

```
1
2 @ViewBag.Title = "Table";
3
4
5 <table>
6 <tr>
7 <td>Table</td>
8 </tr>
9 <tr>
10 <td>
11 <form asp-action="Arith" method="post">
12 <input type="number" name="Number" value="@ViewBag.Number" required />
13 <button type="submit">Submit</button>
14 </form>
15 </td>
16 </tr>
17 <tr>
18 <td>
19 @for (int i = 1; i <= 10; i++)
20 {
21 <span>@ViewBag.Number x @i = @((ViewBag.Number * i))</span><br />
22 }
23 </td>
24 </tr>
25 </table>
```

The right-hand side of the image shows the 'Diagnostic Tools' pane, which includes a 'Diagnostics session: 27 seconds' and various performance metrics like Process Memory (MB) and CPU (% of all processors).

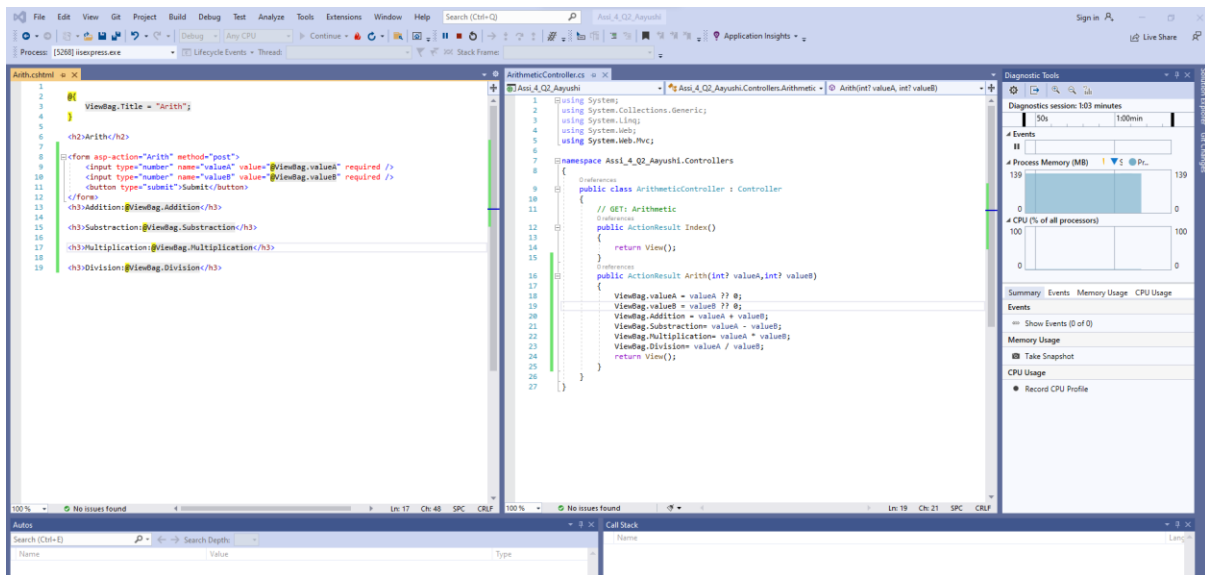
OUTPUT:-

Table

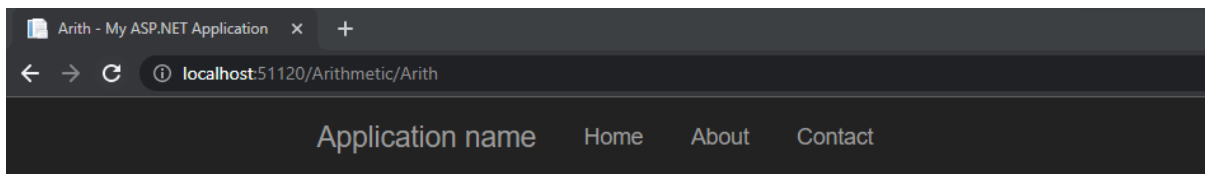
9 x 1 =9
9 x 2 =18
9 x 3 =27
9 x 4 =36
9 x 5 =45
9 x 6 =54
9 x 7 =63
9 x 8 =72
9 x 9 =81
9 x 10 =90

Q-2).

CODE:-



OUTPUT:-



Arith

Addition:5

Substraction:-1

Multiplication:6

Division:0

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Q-3)

CODE:-

