

## **SimpleBindingModel with primitive data types.**

### **Create an empty C# ASP.NET MVC project.**

#### **Implementation:**

1. Create a new ASP.Net Core MVC - C# project. Name the project as *yourLastnameWeek2W*
2. Delete all the controllers in the controllers folder.
3. Delete all the models in the models folder.
4. Delete all the views inside the Views → Home folder.
5. Delete all files inside Views → shared folder.
6. Delete the \_viewStart.chhtml file inside the Views folder as well.
7. Now: Right click on Controllers folder → Add → Controller: Add one empty controller called HomeController.cs
8. Right click on Views-> Home folder → Add → View: Add one empty Razor view called Index.cshtml

Your project set up is complete. Now follow the code given to you and implement the Simple Data Binding application. Follow the code and create the application from here on.

```
1  @*
2      Created by Dr. Paravastu
3      11111111111111111111111111111111
4  *@
5  @{
6      ViewData["title"] = "Simple Binding";
7  }
8
9  <!DOCTYPE html>
10
11  <html>
12      <head>
13          <meta name="viewport" content="width=device-width" charset="utf-8" />
14          <title> ViewData["Title"]</title>
15      </head>
16      <body>
17          <h1>Paravastu Week2 - Simple Binding</h1>
18
19          <p>
20              <form asp-controller="Home" asp-action="Index" method="post">
21
22                  <label>Please Enter a Number</label>
23                  <input type="text" name="number" />
24                  <input type="submit" value="Submit" />
25              </form>
26          </p>
27
28          <p>
29              <form asp-controller="Home" asp-action="ShowFortune" method="post">
30
31                  <label>Please Enter a Number between 1 and 9</label>
32                  <input type="number" name="number" min="0" max="9" />
33                  <input type="text" name="name" />
34                  <input type="submit" value="Submit" />
35
36              </form>
37          </p>
38          <p>@Html.Raw(ViewBag.Result);</p>
39
40      </body>
41  </html>
42
43
44
45
```

```

1 using Microsoft.AspNetCore.Mvc;
2
3 //created by Dr. Paravastu
4 //22222222222222222222222222222222
5 namespace SimpleBindingApp.Controllers
6 {
7     public class HomeController : Controller
8     {
9         public IActionResult Index()
10         {
11             return View();
12         } //Index()
13
14         [HttpPost]
15         public IActionResult Index(int number)
16         {
17             if (ModelState.IsValid)
18             {
19                 int result = (int)Math.Pow(number, 2);
20                 ViewBag.Result = $"You entered {number}. The square of {number} is {result}";
21
22                 } //validity check
23                 return View("Index");
24
25             } //FindSquare()
26
27         public IActionResult ShowFortune(int number, string name)
28         {
29             string fortune = string.Empty;
30             if (ModelState.IsValid)
31             {
32                 switch (number)
33                 {
34                     case 0:
35                         fortune = "Long weekend is around the corner! Get ready to party!!";
36                         break;
37                     case 1:
38                         fortune = "Mondays and Wednesdays are filled with fun for you.";
39                         break;
40                     case 2:
41                         fortune = "Summer has a lot in store for you. Hardwork, Quizzes and C#. Better Stay Sharp!";
42                         break;
43                     case 3:
44                         fortune = "Summer is like reading a good book ... if you are willing to read, that is!";
45                         break;
46                     case 4:
47                         fortune = "Does stak Overflow tell us our furtune? Well

```

```
        yes, when your luck runs out!";
48         break;
49     case 5:
50         fortune = "The harder I work, the luckier I get. ...";
51         break;
52     default:
53         fortune = "Most of us regard good luck as our right, and
        bad luck as a betrayal of that right.";
54         break;
55     }//switch
56
57     ViewBag.Result= fortune;
58 }
59 else ViewBag.Result = "Invalid Input, Please Try again";
60 return View("Index");
61 }//ShowFortune()
62 }//class
63 }//namespace
64
```