

```
using Microsoft.AspNetCore.Mvc;

namespace Lab2.Controllers
{
    public class Controller1Controller : Controller
    {
        public string Index()
        {
            return "This is my default action...";
        }
        public IActionResult Details(string detail)
        {
            ViewData["detail"] = detail;
            return View();
        }
        public IActionResult Show()
        {
            ViewData["Message"] = "Message from ViewData";
            ViewBag.Greet = "Greet from ViewBag";
            return View();
        }
    }
}
```

```
using Lab2.Models;
using Microsoft.AspNetCore.Mvc;

namespace Lab2.Controllers
{
    public class Controller2Controller : Controller
    {
        public IActionResult Index()
        {
            return View();
        }
        public IActionResult Display(int n, string greet)
        {
            ViewData["n"] = n;
            ViewBag.Greet = greet;
            return View();
        }
        [HttpGet]
        public IActionResult SimpleBinding()
        {
            return View(new Model1() {
                FullName = "Bijay Shrestha",
                Email = "bijay@gmail.com",
                Salary = 11000
            });
        }
        [HttpPost]
        public IActionResult SimpleBinding(Model1 webUser)
        {
            if (ModelState.IsValid)
                return Content("Hello! " + webUser.FullName);
            else
                return View(webUser);
        }
    }
}
```

```
@{  
    ViewData["Title"] = "Details";  
}
```

```
<h1>@ViewData["detail"]</h1>
```

```
@{  
    ViewData["Title"] = "Show";  
    Layout = "~/Views/Shared/_Layout.cshtml";  
}
```

```
<h1>@ViewData["Message"]</h1>
```

```
<h2>@ViewBag.Greet</h2>
```

```
@{
    ViewData["Title"] = "Display";
    Layout = "~/Views/Shared/_Layout.cshtml";
}

<h1>Display</h1>

<ul>
    @for (int i = 0; i < (int)ViewData["n"]; i++)
    {
        <li>@ViewBag.greet</li>
    }
</ul>
```

```
using System.ComponentModel.DataAnnotations;

namespace Lab2.Models
{
    public class Model1
    {
        [Display(Name = "First Name")]
        [Required]
        [StringLength(100, MinimumLength = 3, ErrorMessage = "Your name is too short")]
        public string FullName { get; set; }

        [Display(Name = "Email")]
        [EmailAddress]
        public string Email { get; set; }

        [Display(Name = "Salary")]
        [Required]
        public decimal Salary { get; set; }
    }
}
```

```
@model Lab2.Models.Model1

@{
    ViewData["Title"] = "SimpleBinding";
    Layout = "~/Views/Shared/_Layout.cshtml";
}

<h1>SimpleBinding</h1>

@using (var form = Html.BeginForm())
{
    <div>
        @Html.LabelFor(m => m.FullName)
        @Html.TextBoxFor(m => m.FullName)
        @Html.ValidationMessageFor(m => m.FullName)
    </div>
    <div>
        @Html.LabelFor(m => m.Email)
        @Html.TextBoxFor(m => m.Email)
        @Html.ValidationMessageFor(m => m.Email)
    </div>
    <div>
        @Html.LabelFor(m => m.Salary)
        @Html.TextBoxFor(m => m.Salary)
        @Html.ValidationMessageFor(m => m.Salary)
    </div>
    <input type="submit" value="Submit" />
}
}
```