<u>**AIM: Design MVC based Web applications**</u>

<u>**SOUCE CODE:**</u>

<u>**MODEL:**</u>
<u>**Employee.cs:**</u>

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace WebApplication3.Models
{
    public class Employee
    {
        public string Name { get; set; }
        public string Address { get; set; }
        public int Age { get; set; }
    }
}
```

<u>**CONTROLLER:**</u>
<u>**HomeController.cs:**</u>

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using WebApplication3.Models;

namespace WebApplication3.Controllers
{
    public class HomeController : Controller
    {
        public ActionResult Index()
        {
            return View();
        }

        public ActionResult About()
        {
            ViewBag.Message = "Your application description page.";

            return View();
```

```
      }

      public ActionResult Contact()
      {
        ViewBag.Message = "Your contact page.";

        return View();
      }

      [HttpGet]
      public ActionResult Emp()
      {
        Employee emp = new Employee()
        {
          Address = "Ulhasnagar",
          Name = "Nender Keswani",
          Age = 22
        };
        return View(emp);
      }
      [HttpPost]
      public ActionResult Emp(Employee emp)
      {
        return View("DisplayData", emp);
      }
  }
}
```

VIEWS:

Emp.cshtml:

```
@{
    Layout = "~/Views/Shared/_Layout.cshtml";
}
@model WebApplication3.Models.Employee
<!DOCTYPE html>
<html>
<head>
    <meta name="viewport" content="width=device-width" />
    <title>Index</title>
</head>
<body>
    <div>
        @using (Html.BeginForm("Myform"))
        {
```

```
        @Html.TextBoxFor(x => x.Name) <br /> <br /> <br />
        @Html.TextBoxFor(x => x.Address) <br /> <br /> <br />
        @Html.TextBoxFor(x => x.Age) <br /> <br /> <br />
        <input type="submit" value="submit" />
    }
  </div>
</body>
</html>
```
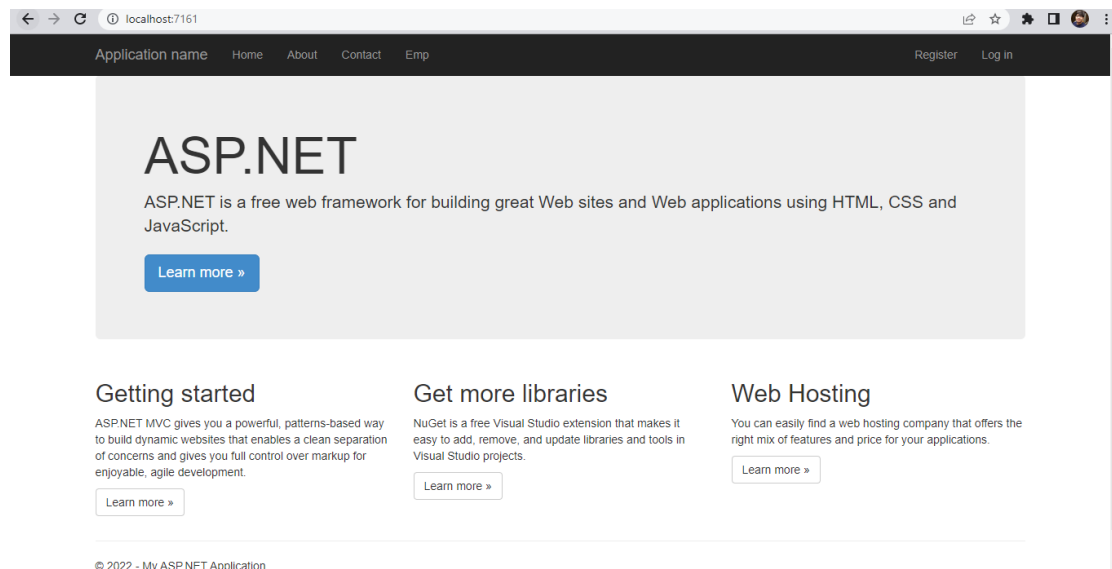
DisplayData.cshml:

```
@{
    Layout = "~/Views/Shared/_Layout.cshtml";
}


<!DOCTYPE html>
<html>
<head>
    <meta name="viewport" content="width=device-width" />
    <title>DisplayData</title>
</head>
<body>
    <div>
        <h1>Employee Details</h1>
        <p>Employee Name: @Model.Name</p>
        <p>Employee Age: @Model.Age</p>
        <p>Employee Address: @Model.Address</p>
    </div>
</body>
</html>
```

OUTPUT:

Narender Keswani

Ulhasnagar

22

submit

© 2022 - My ASP.NET Application

Employee Details

Employee Name: Narender Keswani

Employee Age: 22

Employee Address: Ulhasnagar

© 2022 - My ASP.NET Application

CONCLUSION:
From this practical, I have learned & implemented MVC in asp.net