**PRACTICAL 13**

**Aim: Develop ASP.NET Core MVC application to demonstrate use of ViewData, ViewBag and TempData.**

**Code:**

**HomeController.cs :** (Controllers / HomeController.cs)

using Microsoft.AspNetCore.Mvc;

namespace PRACTICAL13.Controllers {

public class HomeController : Controller {

[HttpGet]

public IActionResult Index() {

return View();

}

[HttpPost]

public IActionResult Index(string userMessage) {

ViewData["Message"] = userMessage;

ViewBag.Greeting = "This is Through 'ViewBag' !";

TempData["TempMessage"] = "This is a Temporary Message Done Through 'TempData' !";

return View();

}

public IActionResult DisplayData() {

return View();

}

}

}

**Index.cshtml :** (Views / Home / Index.cshtml)

@{

ViewData["Title"] = "Home Page";

}

<h1>ViewData</h1>

<form method="post" asp-action="Index">

<label for="userMessage">Enter Your Message : </label>

<input type="text" id="userMessage" name="userMessage" required />

<button type="submit">Submit</button>

</form><br><br>

@if (ViewData["Message"] != null) {

<h3>Your Message : </h3>

<p>@ViewData["Message"]</p>

}

<p>@ViewBag.Greeting</p><br>

<a asp-controller="Home" asp-action="DisplayData">Go To DisplayData</a>

**DisplayData.cshtml :** (Views / Home / DisplayData.cshtml)

@{

ViewData["Title"] = "Display Data";

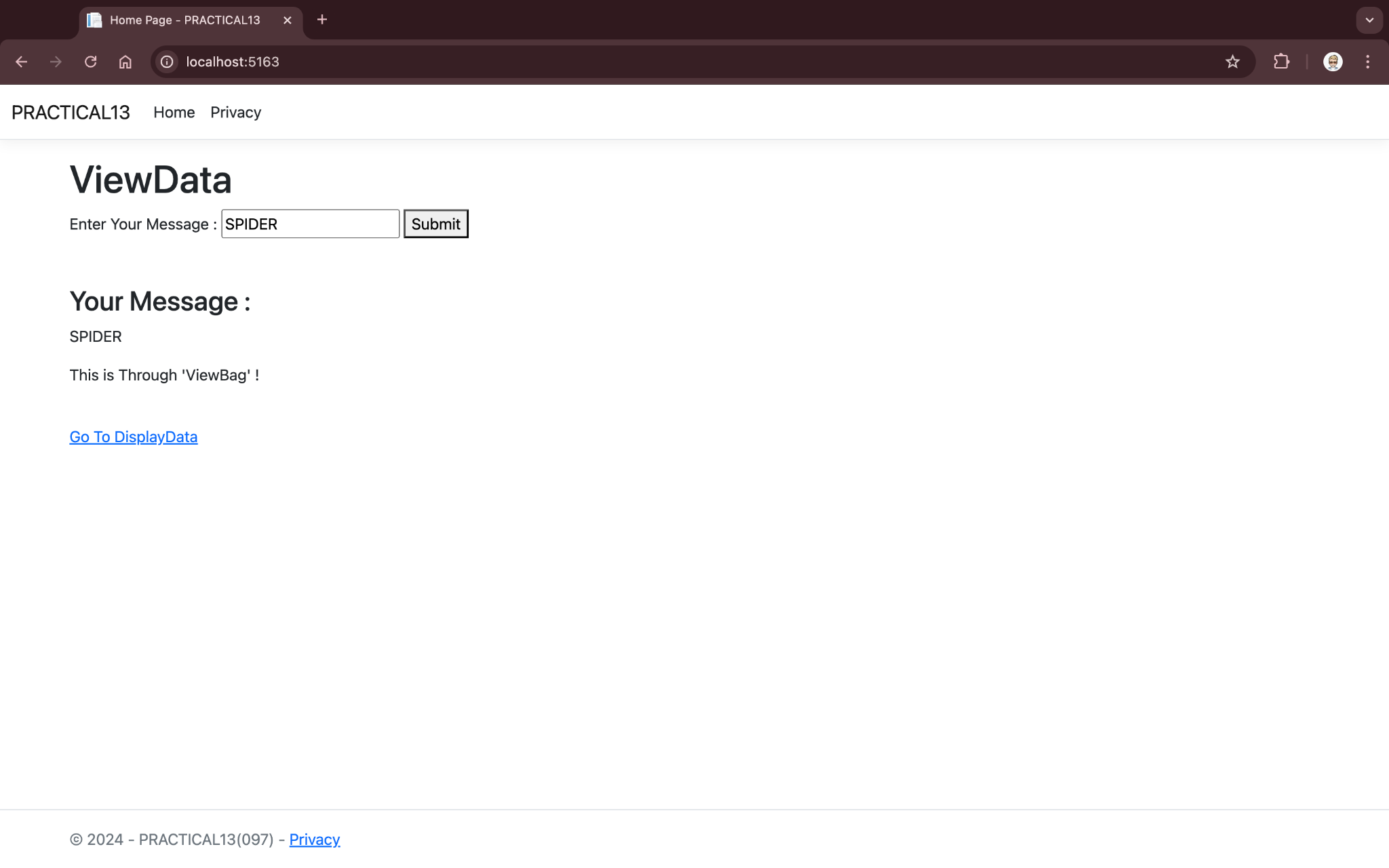
}

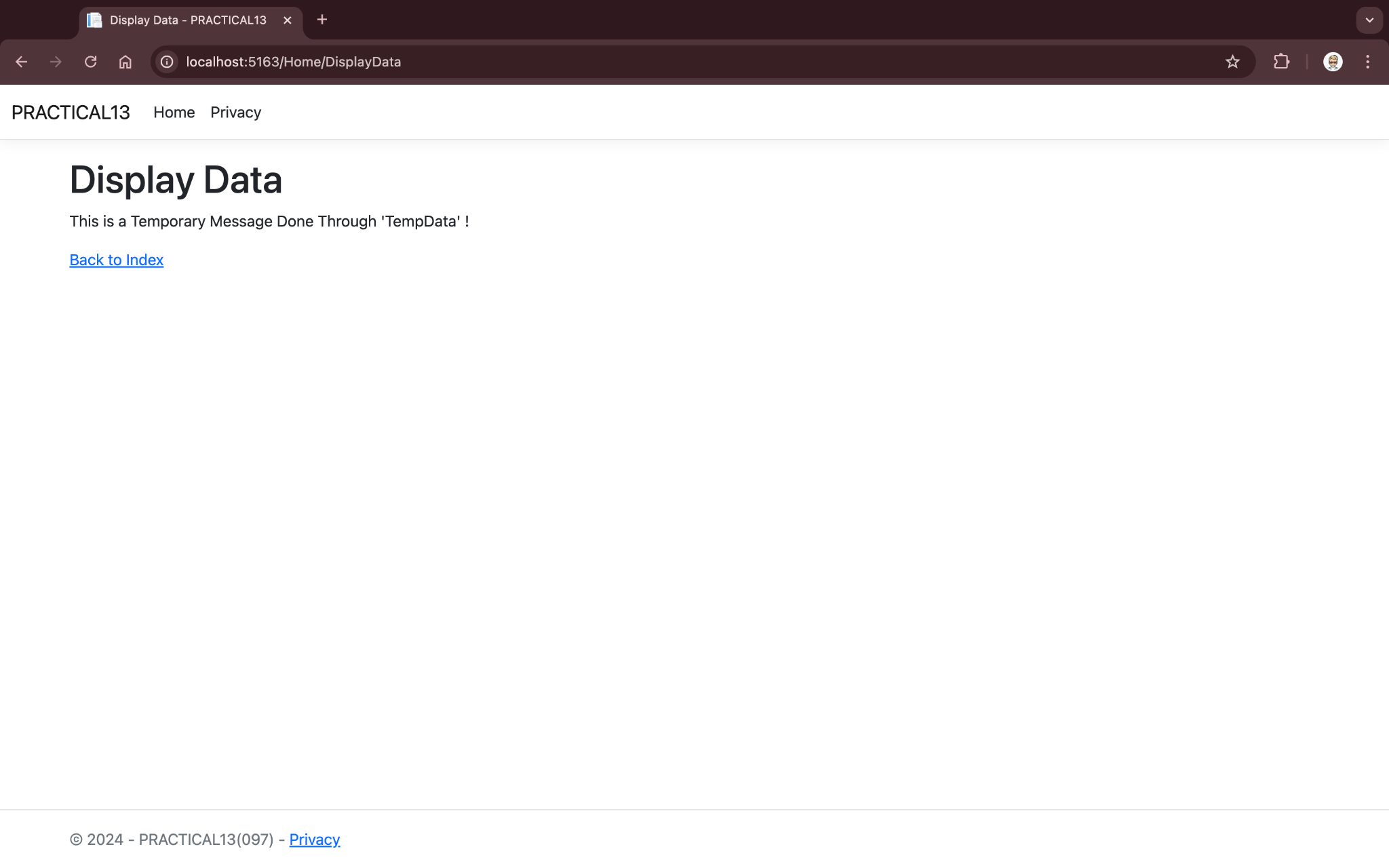
<h1>Display Data</h1>

<p>@TempData["TempMessage"]</p>

<a asp-controller="Home" asp-action="Index">Back to Index</a>

**Output:**

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