**1)Hidden Form demo**

**First.cshtml**

<**form** method="post">

<input type="hidden" name="uname" value="nikita"/>

<input type="submit" value="save" />

</**form**>

**First.cshtml.cs**

using Microsoft.AspNetCore.Mvc;

using Microsoft.AspNetCore.Mvc.RazorPages;

namespace statedemo\_pre.Pages

{

public class firstModel : PageModel

{

public ActionResult OnPost(string uname)

{

TempData["unm"] = uname;

return RedirectToPage("second");

}

}

}

**Second.cshtml**

@page

@model statedemo\_pre.Pages.secondModel

@{

}

<h1>@TempData["unm"]</h1>

**QueryString demo**

**Third.cshtml**

@page

@model statedemo\_pre.Pages.thirdModel

@{

}

<**form** method="post">

UserName: <input type="text" name="txtuser" /><br /><br />

Password:<input type="text" name="txtpwd" /><br /><br />

<input type="submit" value="save" />

</**form**>

**Third.cshtml.cs**

using Microsoft.AspNetCore.Mvc;

using Microsoft.AspNetCore.Mvc.RazorPages;

namespace statedemo\_pre.Pages

{

public class thirdModel : PageModel

{

public ActionResult OnPost(string txtuser,string txtpwd)

{

return RedirectToPage("four",new{uname=txtuser,pass=txtpwd});

}

}

}

**Four.cshtml**

@page

@model statedemo\_pre.Pages.fourModel

@{

}

<h1>@Request.Query["uname"]</h1>

<h1>@Request.Query["pass"]</h1>

**ViewData Demo**

**Five.cshtml.cs**

using Microsoft.AspNetCore.Mvc;

using Microsoft.AspNetCore.Mvc.RazorPages;

//this is model and html page is view

namespace statedemo\_pre.Pages

{

public class fiveModel : PageModel

{

public void OnGet()

{

ViewData["uname"] = "suman";

ViewData["num"] = 10;

}

}

}

**Five.cshtml**

@page

@model statedemo\_pre.Pages.fiveModel

@{

}

<h1>@ViewData["uname"]</h1>

@{

int mul = (int)ViewData["num"] \* 3;

}

<h1>@mul</h1>

**TempData Demo**

**Six.cshtml.cs**

using Microsoft.AspNetCore.Mvc;

using Microsoft.AspNetCore.Mvc.RazorPages;

namespace statedemo\_pre.Pages

{

public class sixModel : PageModel

{

public ActionResult OnGet()

{

TempData["uname"] = "suman";

return RedirectToPage("seven");

}

}

}

**Seven.cshtml**

@page

@model statedemo\_pre.Pages.sevenModel

@{

}

<h1> @TempData["uname"]</h1>

**Session Demo**

**Program.cs**

builder.Services.AddDistributedMemoryCache();

builder.Services.AddSession();

app.UseSession();

**eight.cshtml.cs**

using Microsoft.AspNetCore.Mvc;

using Microsoft.AspNetCore.Mvc.RazorPages;

namespace statedemo\_pre.Pages

{

public class eightModel : PageModel

{

public ActionResult OnGet()

{

HttpContext.Session.SetString("uname", "akshay");

HttpContext.Session.SetInt32("num", 100);

return RedirectToPage("nine");

}

}

}

**Nine.cshtml**

@page

@model statedemo\_pre.Pages.nineModel

@{

}

<h1>

@HttpContext.Session.GetString("uname")

</h1>

<h1> @HttpContext.Session.GetInt32("num")</h1>