

Name: Aryan Yadav

Class: SYIT

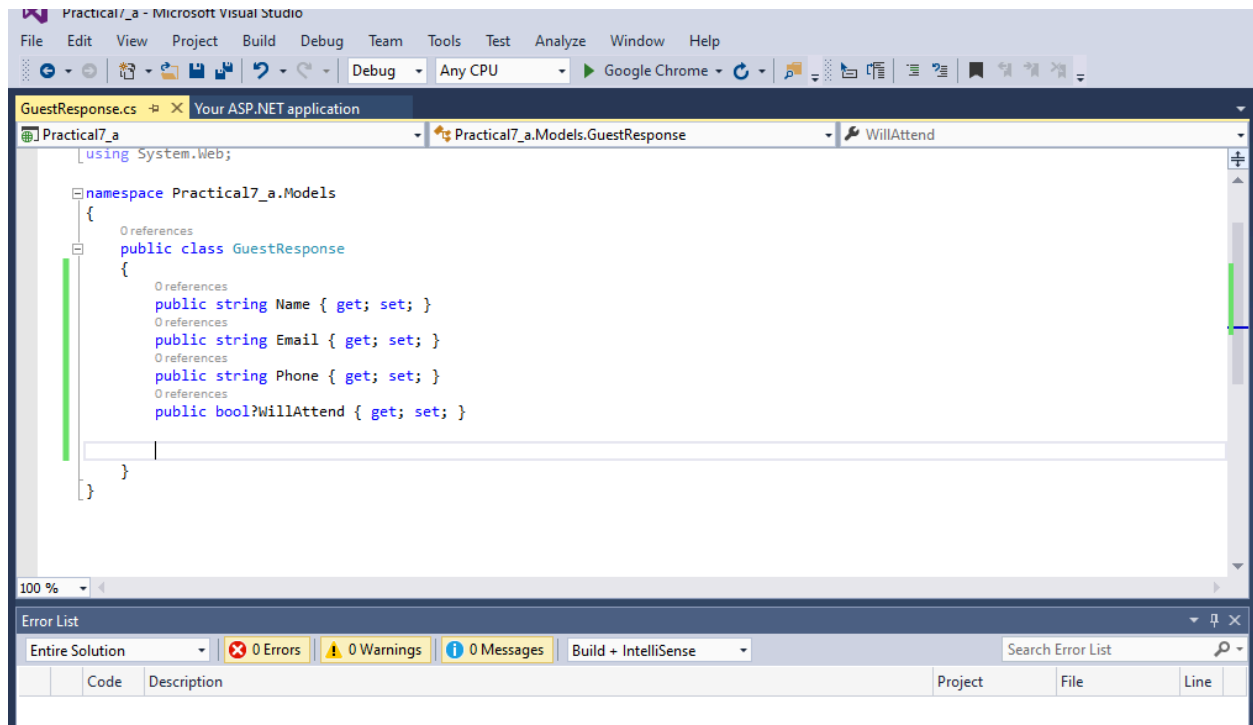
Subject: ASP.net

Date: 10th February 2024

Practical 7

Aim: Working with validation in a web application

GuestResponse.cs



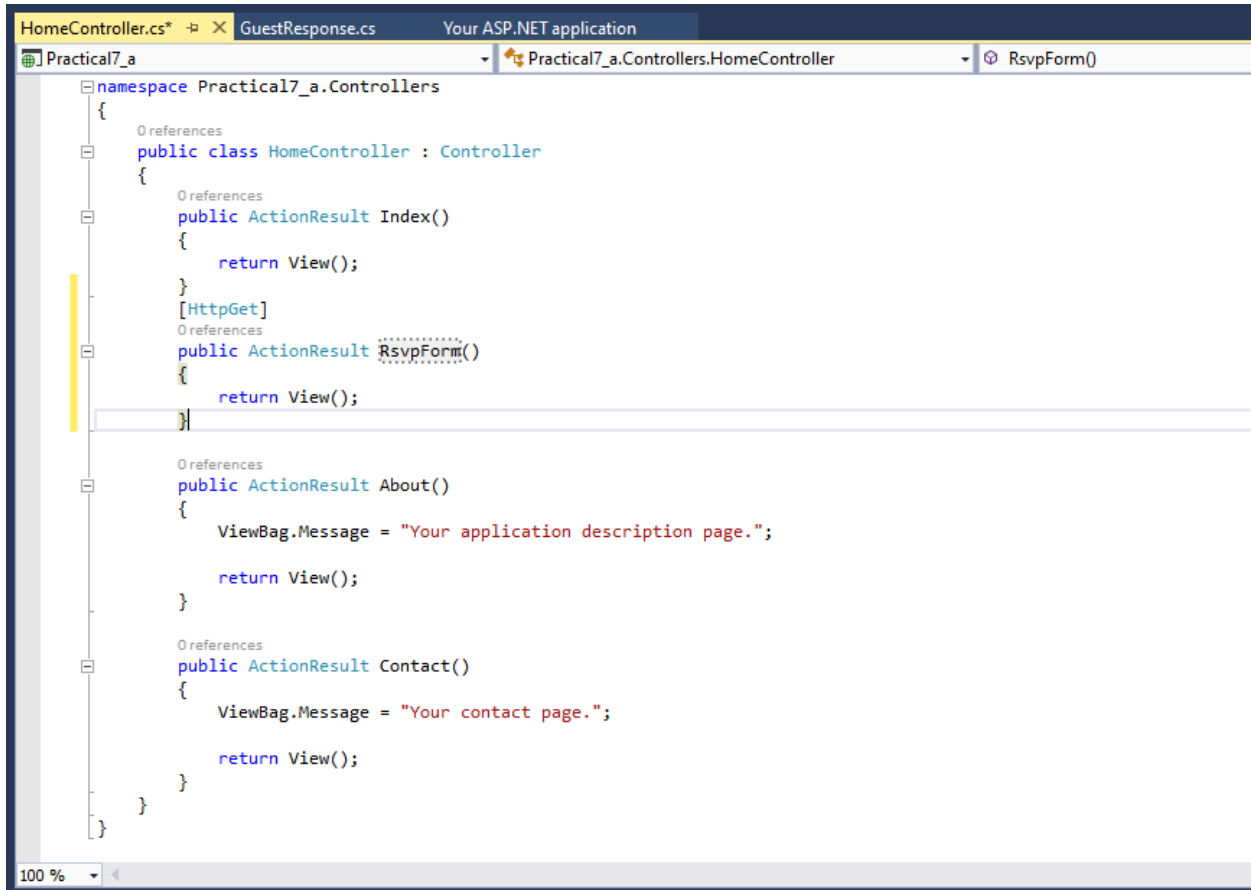
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Subject: ASP.net

Date: 10th February 2024

HomeController.cs



```
namespace Practical7_a.Controllers
{
    0 references
    public class HomeController : Controller
    {
        0 references
        public ActionResult Index()
        {
            return View();
        }
        [HttpGet]
        0 references
        public ActionResult RsvpForm()
        {
            return View();
        }
    }

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

        return View();
    }

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

        return View();
    }
}
```

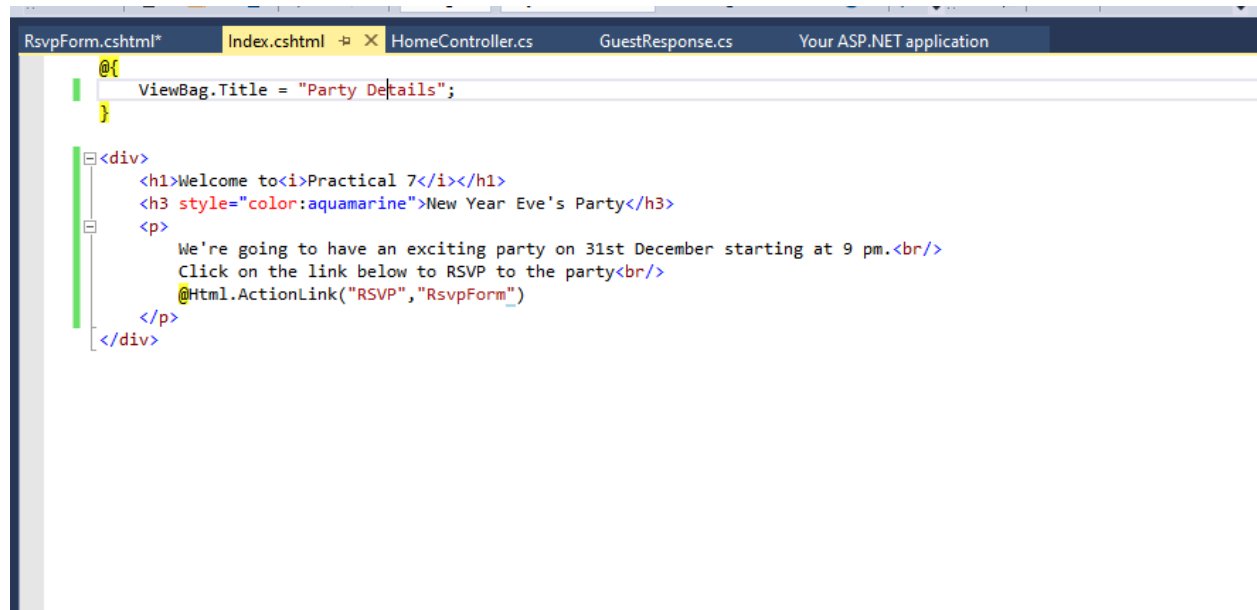
Name: Aryan Yadav

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Subject: ASP.net

Date: 10th February 2024

Index.cshtml



```
@{
    ViewBag.Title = "Party Details";
}

<div>
    <h1>Welcome to<i>Practical 7</i></h1>
    <h3 style="color:aquamarine">New Year Eve's Party</h3>
    <p>
        We're going to have an exciting party on 31st December starting at 9 pm.<br/>
        Click on the link below to RSVP to the party<br/>
        @Html.ActionLink("RSVP", "RsvpForm")
    </p>
</div>
```

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RsvpForm.cshtml



```
@model Practical17_a.Models.GuestResponse

@{
    Layout = null;
}

<!DOCTYPE html>
<head>
</head>
<body>
<div>
    @using (Html.BeginForm())
    {
        <p>Your name:@Html.TextBoxFor(x=>x.Name)</p>
        <p>Your email:@Html.TextBoxFor(x => x.Email)</p>
        <p>Your phone:@Html.TextBoxFor(x => x.Phone)</p>
        <p>
            Will you attend?
            @Html.DropDownListFor(x => x.WillAttend, new[]
            {
                new SelectListItem() {Text="Yes, I'll be there",
                    Value=bool.TrueString},
                new SelectListItem() {Text="No, I can't come",
                    Value=bool.FalseString}
            }, "Choose an option")
        </p>
        <input type="submit" value="Submit RSVP"/>
    }
</div>
</body>
```

Thanks.cshtml

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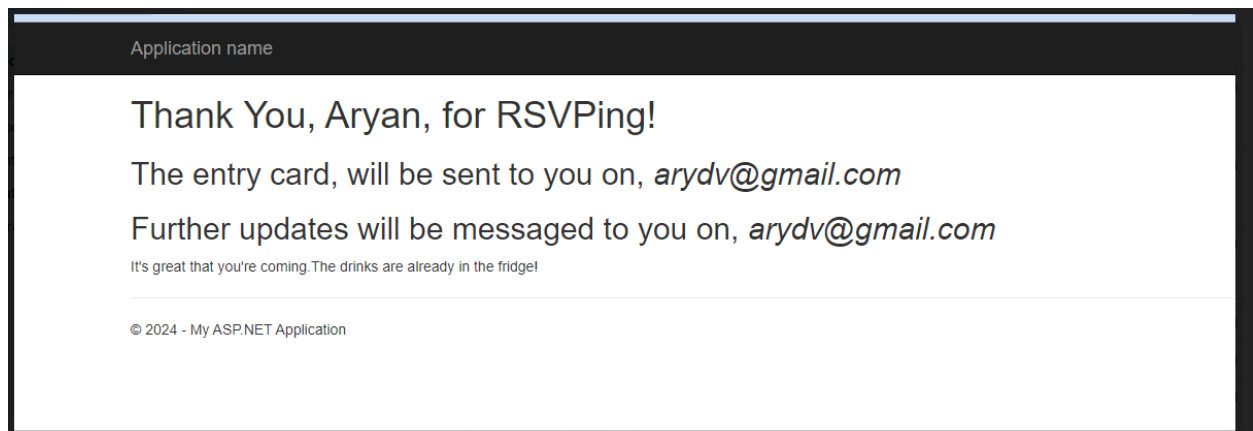
Subject: ASP.net

Date: 10th February 2024

```
Thanks.cshtml* x ManageController.cs RsvpForm.cshtml Index.cshtml HomeController.cs GuestResponse.cs
@model Practical7_a.Models.GuestResponse

@{
    ViewBag.Title = "Thanks";
}

<body>
<div>
    <h1>Thank you, @Model.Name, for RSVPing!</h1>
    <h2>The entry card, will be sent to you on, <i>@Model.Email</i></h2>
    <h2>Further updates will be messaged to you on @Model.Phone!</h2>
    @if (Model.WillAttend == true)
    {
        @:It's great that you're coming. The drinks are already in the fridge!
    }
    else
    {
        @:Sorry to hear that you can't make it, but thanks for letting us know.
    }
</div>
</body>
```



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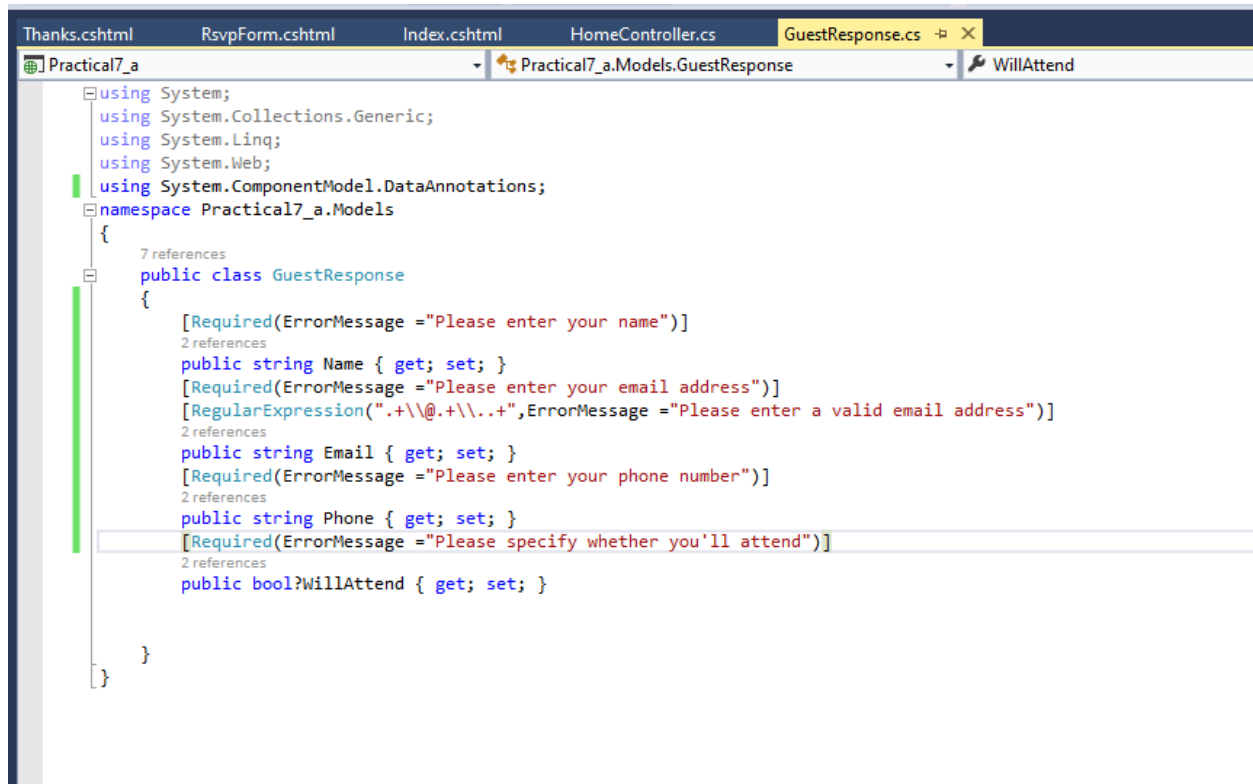
Class: SYIT

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Date: 10th February 2024

Q1. Adding data validation and displaying Validation Summary

GuestResponse.cs



```
Thanks.cshtml  RsvpForm.cshtml  Index.cshtml  HomeController.cs  GuestResponse.cs  WillAttend
Practical7_a  Practical7_a.Models.GuestResponse
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.ComponentModel.DataAnnotations;
namespace Practical7_a.Models
{
    7 references
    public class GuestResponse
    {
        [Required(ErrorMessage = "Please enter your name")]
        2 references
        public string Name { get; set; }
        [Required(ErrorMessage = "Please enter your email address")]
        [RegularExpression(".+\\@.+\\.+", ErrorMessage = "Please enter a valid email address")]
        2 references
        public string Email { get; set; }
        [Required(ErrorMessage = "Please enter your phone number")]
        2 references
        public string Phone { get; set; }
        [Required(ErrorMessage = "Please specify whether you'll attend")]
        2 references
        public bool? WillAttend { get; set; }
    }
}
```

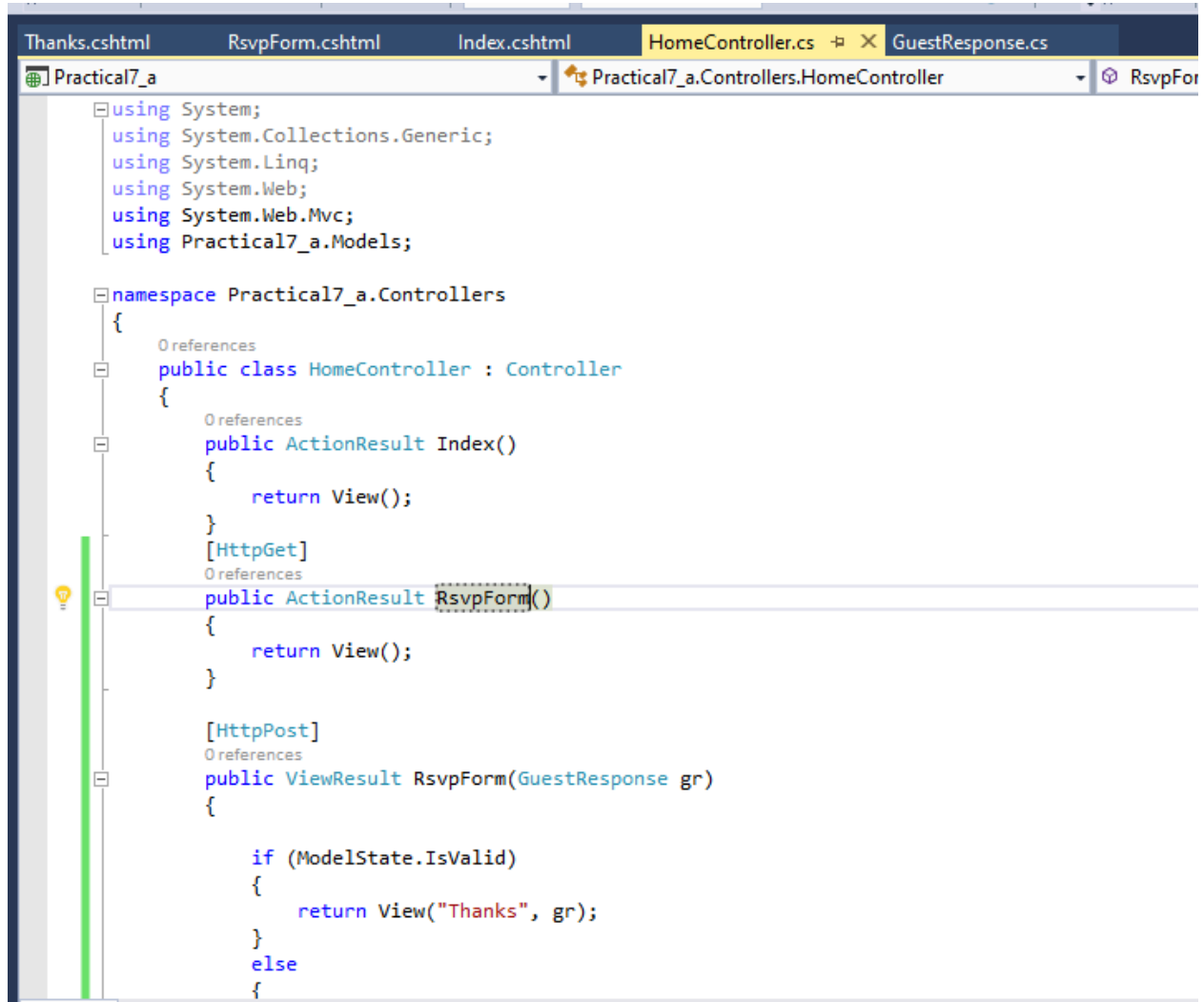
HomeController.cs

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```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using Practical7_a.Models;

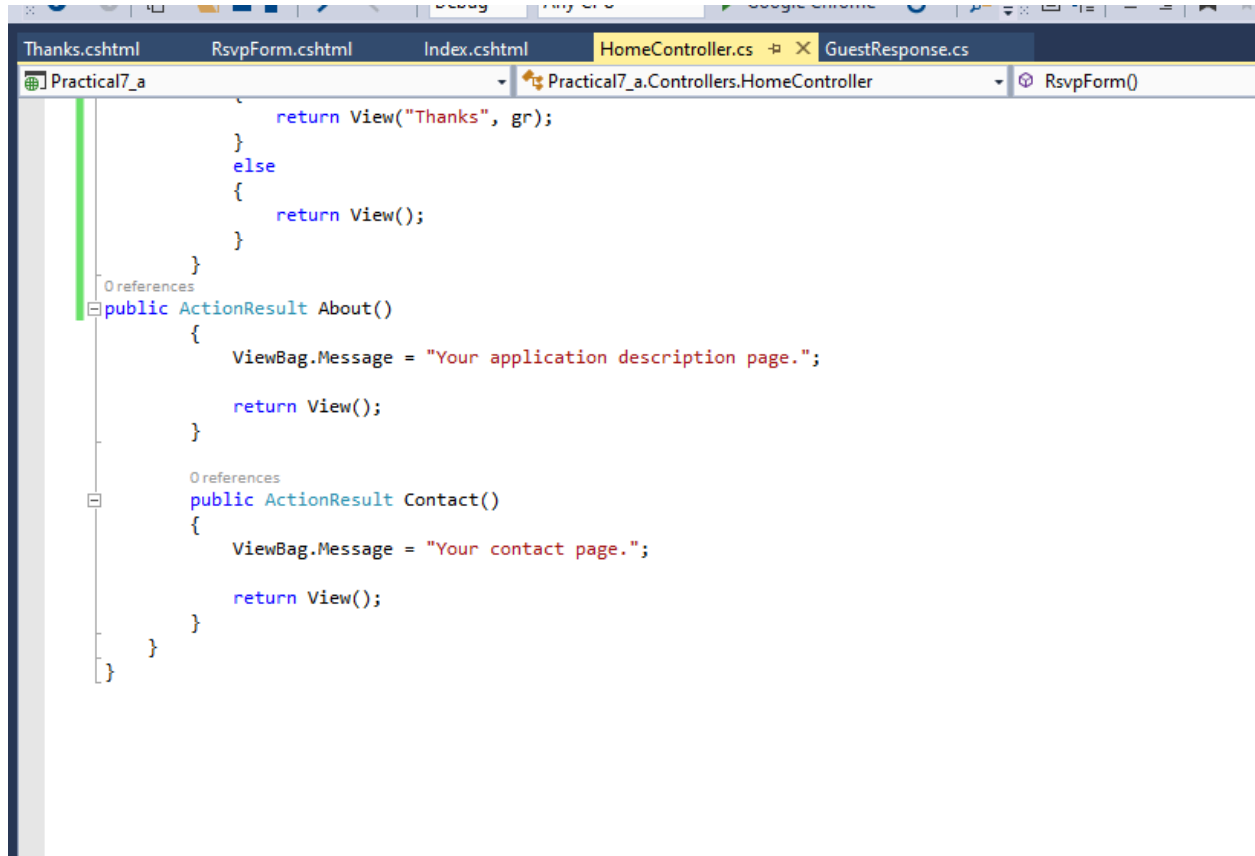
namespace Practical7_a.Controllers
{
    public class HomeController : Controller
    {
        public ActionResult Index()
        {
            return View();
        }
        [HttpGet]
        public ActionResult RsvpForm()
        {
            return View();
        }
        [HttpPost]
        public ViewResult RsvpForm(GuestResponse gr)
        {
            if (ModelState.IsValid)
            {
                return View("Thanks", gr);
            }
            else
            {
            }
        }
    }
}
```

Name: Aryan Yadav

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```
return View("Thanks", gr);
}
else
{
    return View();
}
}

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

    return View();
}

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

    return View();
}
}
```

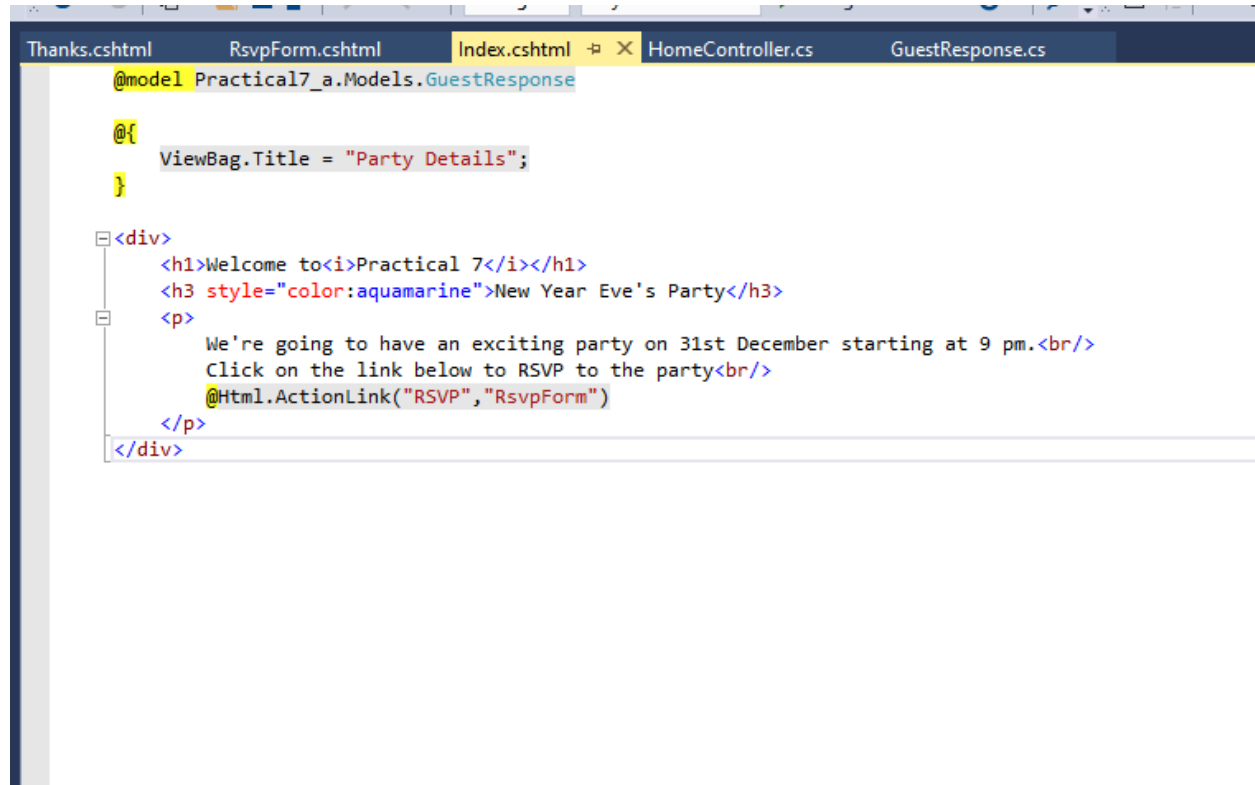
Index.cshtml

Name: Aryan Yadav

Class: SYIT

Subject: ASP.net

Date: 10th February 2024



```
Thanks.cshtml  RsvpForm.cshtml  Index.cshtml  HomeController.cs  GuestResponse.cs
@model Practical7_a.Models.GuestResponse

@{
    ViewBag.Title = "Party Details";
}

<div>
    <h1>Welcome to<i>Practical 7</i></h1>
    <h3 style="color:aquamarine">New Year Eve's Party</h3>
    <p>
        We're going to have an exciting party on 31st December starting at 9 pm.<br/>
        Click on the link below to RSVP to the party<br/>
        @Html.ActionLink("RSVP", "RsvpForm")
    </p>
</div>
```

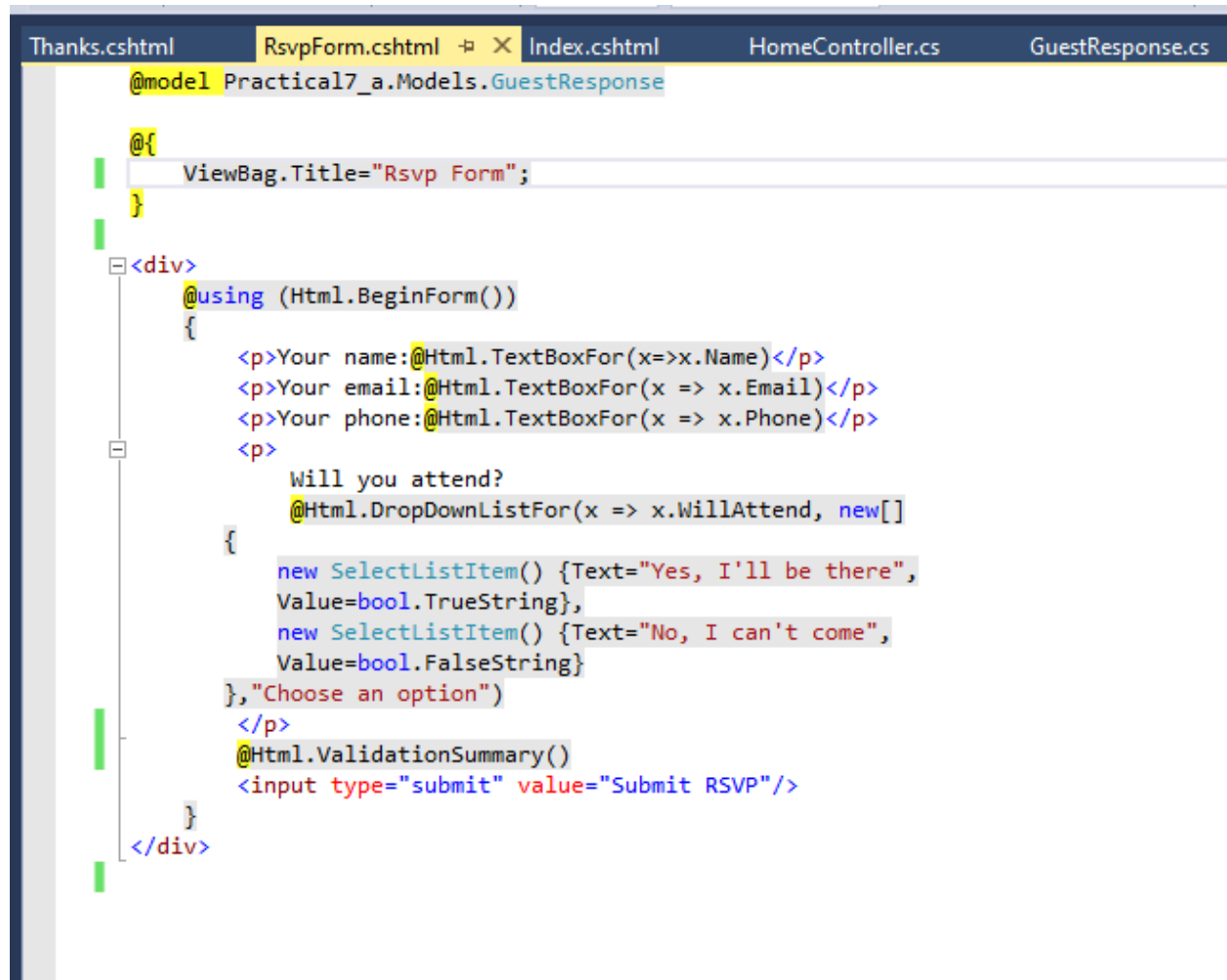
RsvpForm.cshtml

Name: Aryan Yadav

Class: SYIT

Subject: ASP.net

Date: 10th February 2024



```
Thanks.cshtml  RsvpForm.cshtml  Index.cshtml  HomeController.cs  GuestResponse.cs
@model Practical7_a.Models.GuestResponse

@{
    ViewBag.Title = "Rsvp Form";
}

<div>
    @using (Html.BeginForm())
    {
        <p>Your name:@Html.TextBoxFor(x=>x.Name)</p>
        <p>Your email:@Html.TextBoxFor(x => x.Email)</p>
        <p>Your phone:@Html.TextBoxFor(x => x.Phone)</p>
        <p>
            Will you attend?
            @Html.DropDownListFor(x => x.WillAttend, new[]
            {
                new SelectListItem() {Text="Yes, I'll be there",
                Value=bool.TrueString},
                new SelectListItem() {Text="No, I can't come",
                Value=bool.FalseString}
            }, "Choose an option")
        </p>
        @Html.ValidationSummary()
        <input type="submit" value="Submit RSVP"/>
    }
</div>
```

Thanks.cshtml

Name: Aryan Yadav

Class: SYIT

Subject: ASP.net

Date: 10th February 2024

```
Thanks.cshtml | RsvpForm.cshtml | Index.cshtml | HomeController.cs | GuestResponse.cs
@model Practical7_a.Models.GuestResponse

@{
    ViewBag.Title = "Thanks";
}

<div>
    <h1>Thank you, @Model.Name, for RSVPing!</h1>
    <h2>The entry card, will be sent to you on, <i>@Model.Email</i></h2>
    <h2>Further updates will be messaged to you on @Model.Phone!</h2>
    @if (Model.WillAttend == true)
    {
        @:It's great that you're coming. The drinks are already in the fridge!
    }
    else
    {
        @:Sorry to hear that you can't make it, but thanks for letting us know.
    }
</div>
```

← → ↻ ⓘ localhost:50688/Home/RsvpForm

Application name Home About Contact

Your name:

Your email:

Your phone:

Will you attend?

- Please enter your name
- Please enter your email address
- Please enter your phone number
- Please specify whether you'll attend

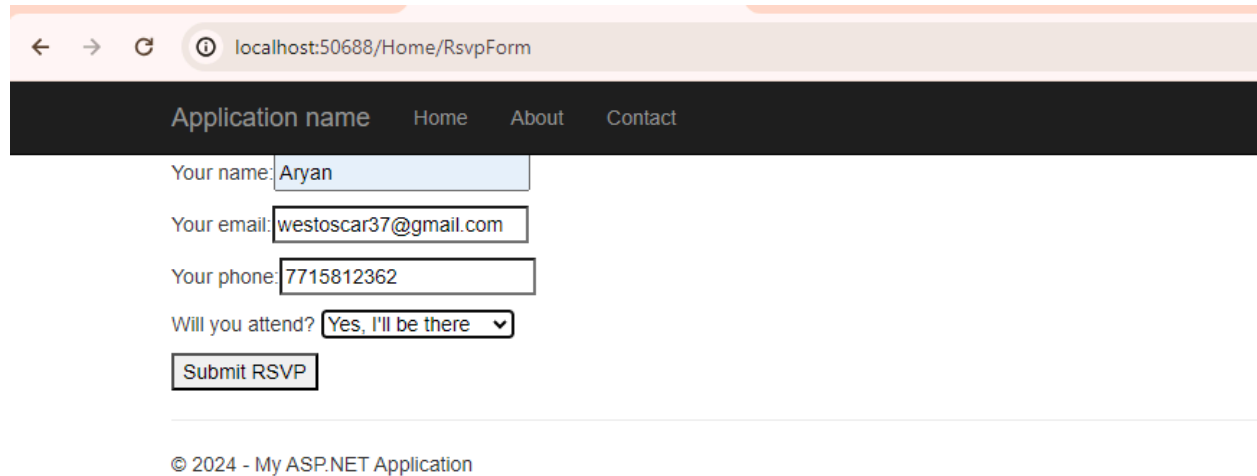
© 2024 - My ASP.NET Application

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Subject: ASP.net

Date: 10th February 2024



The screenshot shows a web browser window with the address bar displaying "localhost:50688/Home/RsvpForm". The page has a dark navigation bar with the text "Application name" and links for "Home", "About", and "Contact". The main content area contains an RSVP form with the following fields:

- "Your name:" with a text input containing "Aryan".
- "Your email:" with a text input containing "westoscar37@gmail.com".
- "Your phone:" with a text input containing "7715812362".
- "Will you attend?" with a dropdown menu showing "Yes, I'll be there".
- A "Submit RSVP" button.

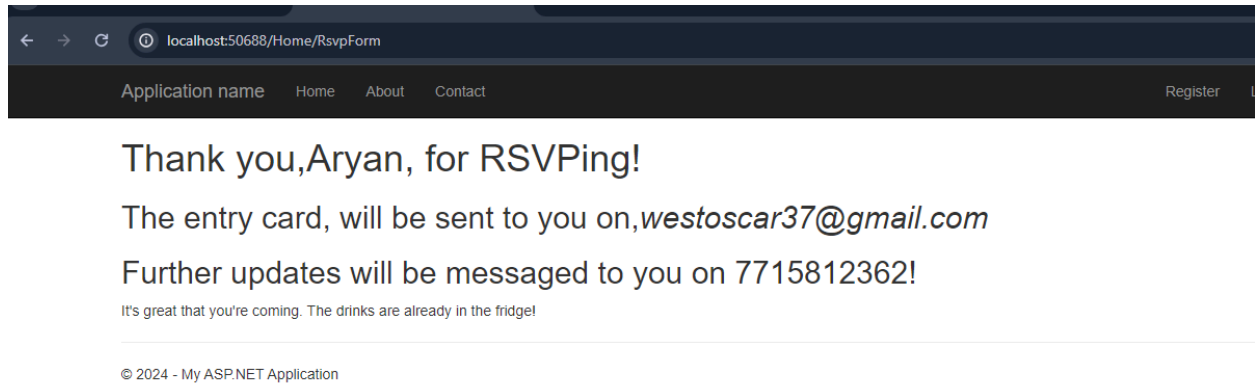
At the bottom of the page, there is a footer that reads "© 2024 - My ASP.NET Application".

Name: Aryan Yadav

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Name: Aryan Yadav

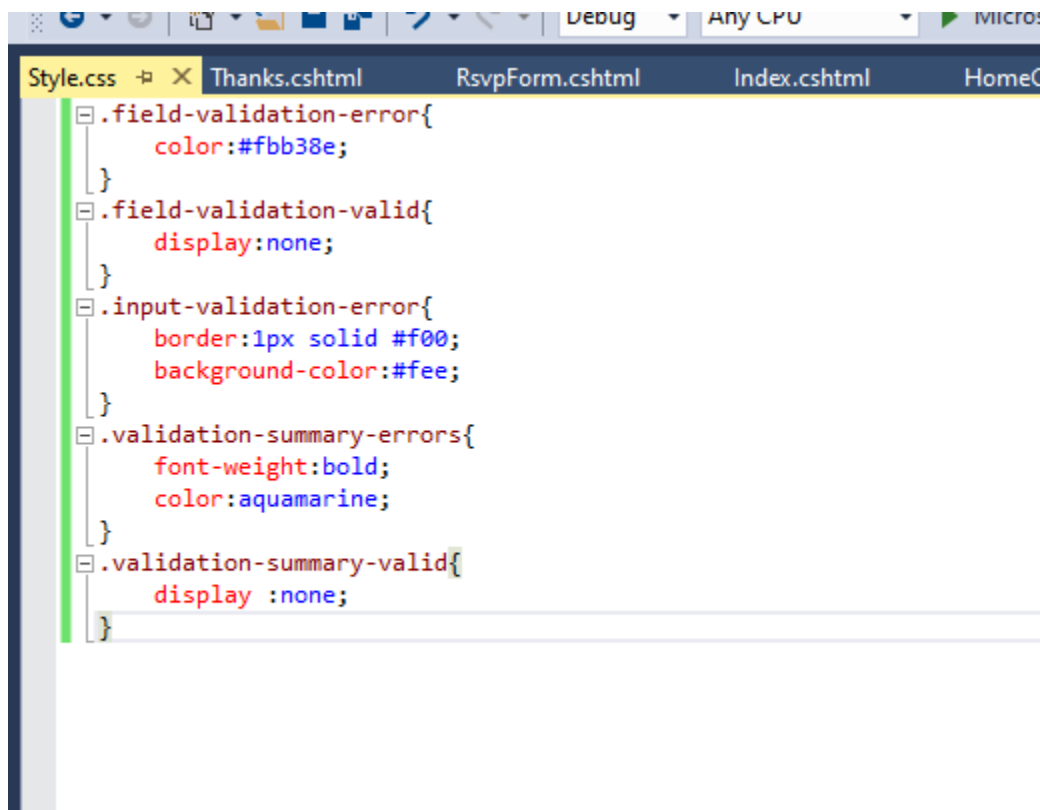
Class: SYIT

Subject: ASP.net

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**Q2 Simple Data entry web application with data validation
highlighting invalid fields**

Style.css

A screenshot of a code editor window showing a CSS file named 'Style.css'. The editor has a dark theme and a sidebar on the left. The CSS code is as follows:

```
.field-validation-error{
    color:#fbb38e;
}
.field-validation-valid{
    display:none;
}
.input-validation-error{
    border:1px solid #f00;
    background-color:#fee;
}
.validation-summary-errors{
    font-weight:bold;
    color:aquamarine;
}
.validation-summary-valid{
    display :none;
}
```

RsvpForm.cshtml

Name: Aryan Yadav

Class: SYIT

Subject: ASP.net

Date: 10th February 2024

```
Style.css  Thanks.cshtml  RsvpForm.cshtml  Index.cshtml  HomeController.cs  GuestResponse.cs
@model Practical7_a.Models.GuestResponse

@{
    ViewBag.Title = "Rsvp Form";
}

<head>
<link href="~/Content/Style.css" rel="stylesheet" type="text/css"/>
</head>
<div>
    @using (Html.BeginForm())
    {
        <p>Your name:@Html.TextBoxFor(x=>x.Name)</p>
        @Html.ValidationMessageFor(model=>model.Name)
        <p>Your email:@Html.TextBoxFor(x => x.Email)</p>
        @Html.ValidationMessageFor(model => model.Email)
        <p>Your phone:@Html.TextBoxFor(x => x.Phone)</p>
        @Html.ValidationMessageFor(model => model.Phone)
        <p>
            Will you attend?
            @Html.DropDownListFor(x => x.WillAttend, new[]
            {
                new SelectListItem() {Text="Yes, I'll be there",
                    Value=bool.TrueString},
                new SelectListItem() {Text="No, I can't come",
                    Value=bool.FalseString}
            }, "Choose an option")
        </p>
        @Html.ValidationMessageFor(model=>model.WillAttend)
        <br/>

        <input type="submit" value="Submit RSVP"/>
        @Html.ValidationSummary()
    }
</div>
```

Name: Aryan Yadav

Class: SYIT

Subject: ASP.net

Date: 10th February 2024

localhost:50688/Home/RsvpForm

Application name Home About Contact

Your name:

Please enter your name

Your email:

Please enter your email address

Your phone:

Please enter your phone number

Will you attend?

Please specify whether you'll attend

- Please enter your name
- Please enter your email address
- Please enter your phone number
- Please specify whether you'll attend

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