

PRACTICAL 3

Aim: Develop ASP.NET Core MVC application which greets the user with “Good Morning!” or “Good Afternoon!”, or “Good Evening” based on the current time. Use Index.cshtml file to display greetings message with appropriate image.

Code:

HomeController.cs : (Controllers / HomeController.cs)

```
using System.Diagnostics;
using Microsoft.AspNetCore.Mvc;
using PRACTICAL3.Models;
namespace PRACTICAL3.Controllers;
public class HomeController : Controller
{
    private readonly ILogger<HomeController> _logger;
    public HomeController(ILogger<HomeController> logger)
    {
        _logger = logger;
    }
    public IActionResult Index()
    {
        var currentTime = DateTime.Now;
        string greetingMessage;
        string imagePath;
        if (currentTime.Hour < 12)
        {
            greetingMessage = "Good Morning!";
            imagePath = "/images/morning.jpg";
        }
        else if (currentTime.Hour < 18)
        {
            greetingMessage = "Good Afternoon!";
            imagePath = "/images/afternoon.jpg";
        }
        else
        {
            greetingMessage = "Good Evening!";
            imagePath = "/images/evening.jpg";
        }
        ViewBag.GreetingMessage = greetingMessage;
        ViewBag.ImagePath = imagePath;
    }
}
```

```
        return View();
    }
    public IActionResult Privacy()
    {
        return View();
    }
    [ResponseCache(Duration = 0, Location = ResponseCacheLocation.None, NoStore =
true)]
    public IActionResult Error()
    {
        return View(new ErrorViewModel { RequestId = Activity.Current?.Id ??
HttpContext.TraceIdentifier });
    }
}
```

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

```
@{
    ViewData["Title"] = "Home Page";
}
<!DOCTYPE html>
<html>
<head>
    <title>PRACTICAL3</title>
</head>
<body><center>
    <h1>@ViewBag.GreetingMessage</h1>
    
</body></center>
</html>
```

Output:

