**ASP.NET CORE LOGGING DAY 64**

**HomeController.cs**

using Logging.Filter;

using Logging.Models;

using Microsoft.AspNetCore.Mvc;

using Microsoft.Extensions.Logging;

using System;

using System.Collections.Generic;

using System.Diagnostics;

using System.Linq;

using System.Threading.Tasks;

namespace Logging

{

    public class HomeController : Controller

    {

        [MyExceptionFilter]

        public IActionResult Index()

        {

            int a = 5;

            int b = 0;

            int divison = a / b;

            ViewBag.Message = "The Division is: " +divison;

            return View();

        }

        public IActionResult Privacy()

        {

            return View();

        }

    }

}

**MyExceptionFilter.cs**

using log4net;

using Microsoft.AspNetCore.Mvc;

using Microsoft.AspNetCore.Mvc.Filters;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

namespace Logging.Filter

{

    public class MyExceptionFilter : ExceptionFilterAttribute, IExceptionFilter

    {

        private readonly ILog \_logger = LogManager.GetLogger(typeof(MyExceptionFilter));

        public override void OnException(ExceptionContext context)

        {

            \_logger.Error(context.Exception.Message);

            context.ExceptionHandled = true;

            context.Result = new ViewResult() { ViewName = "CustomErrors" };

        }

    }

}

**CustomErrors.cshtml**

@\*

    For more information on enabling MVC for empty projects, visit https://go.microsoft.com/fwlink/?LinkID=397860

\*@

@{

    ViewBag.Title = "Error";

}

<div style="background-color: #A52A2A; color: White; height: 10px;">

</div>

<div style="background-color: #F5F5DC; color: White; height: 170px;">

    <div style="padding:20px;">

        <h3 style="color: Black;">

            Application Custom Error:

        </h3>

        <h4 style="color: Black;">

            Sorry, an Divide by Zero error occurred while processing your request.

        </h4>

        <br />

        <br />

    </div>

</div>

<div style="background-color: #A52A2A; color: White; height: 20px;">

</div>

**OUTPUT**

