<https://www.webtrainingroom.com/aspnetcore/logging>

Steps For using Log4Net

Install package log4net

Add log4net.config file

<?xml version="1.0" encoding="utf-8" ?>

<configuration>

<log4net>

<root>

<level value="ALL" />

<appender-ref ref="RollingFile" />

</root>

<appender name="RollingFile" type="log4net.Appender.FileAppender">

<file value="E:\example.log" />

<layout type="log4net.Layout.PatternLayout">

<conversionPattern value="%-5p %d{hh:mm:ss} %message%newline" />

</layout>

</appender>

</log4net>

</configuration>

In Program.cs file

public static void Main(string[] args)

{

**var log4netRepository = log4net.LogManager.GetRepository(Assembly.GetEntryAssembly());**

**log4net.Config.XmlConfigurator.Configure(log4netRepository, new FileInfo("log4net.config"));**

CreateHostBuilder(args).Build().Run();

}

In HomeController

using System;

using System.Collections.Generic;

using System.Text;

namespace CreationalDesignPatternDemos

{

class Teacher

{

public string getName()

{

return "Teacher Name";

}

public string getFName()

{

return "Teacher Father Name";

}

}

class Student

{

public string getName()

{

return "Student Name";

}

public string getFName()

{

return "Student Father Name";

}

}

}

**static readonly log4net.ILog \_log4net = log4net.LogManager.GetLogger(typeof(HomeController));**

public IActionResult Index(int? id)

{

**\_log4net.Info("ITS INFO");**