Sending logs to Seq

Start
Let's start sending logs to Seq.

In Trading repo
1. Open terminal at src\Play.Trading.Service

2. Add the Seq NuGet package:
    dotnet add package Seq.Extensions.Logging --version 6.0.0

3. Add Seq settings to appsettings.json:

```
{
 ...
  "QueueSettings":
  {
   ...
  },
  "SeqSettings": {
   "Host": "localhost",
   "Port": "5341"
  },
 ...
}
```

4. Add SeqSettings.cs under Settings directory:

```
namespace Play.Trading.Service.Settings
{
    public class SeqSettings
    {
        public string Host { get; init; }

        public int Port { get; init; }

        public string ServerUrl
        {
            get { return $"http://{Host}:{Port}"; }
        }
    }
}
```

5. Register Seq services in Startup.cs:

```
public void ConfigureServices(IServiceCollection services)
{
    …
    services.AddHealthChecks()
        .AddMongoDb();

    services.AddLogging(loggingBuilder =>
    {
        var seqSettings = Configuration.GetSection(nameof(SeqSettings)).Get<SeqSettings>();
        loggingBuilder.AddSeq(serverUrl: seqSettings.ServerUrl);
    });
}
```

6. Start Trading microservice

7. In Seq portal, tail logs

8. Notice logs already show up in Seq portal

9. Run all microservices and try a purchase

10. Notice all purchase logs show up in Seq portal

11. Commit and push changes

In the next lesson you will learn how to generalize your Seq configuration for all microservices.