Starting the Jaeger server

Start

Jaeger is a very popular tool to visualize distributed tracing information emitted from all kinds of distributed systems. We will be using it in this module because it integrates very well with OpenTelemetry and is very easy to run via Docker both locally and in the cloud.

To learn more about Jaeger you can go to jaegertracing.io where there's plenty of info on the multiple features of the tool.

Let's now update our docker compose file so it can stand up our Jaeger Docker container.

In Infra repo

1. Add Jaeger to docker-compose.yml:

```
jaeger:
  image: jaegertracing/all-in-one
  container_name: jaeger
  ports:
    - 5778:5778
    - 6831:6831/udp
    - 6832:6832/udp
    - 14250:14250
    - 14268:14268
    - 16686:16686
```

2. Start the new containers:
    docker-compose up -d

3. Browse to the Jaeger portal:
    http://localhost:16686

4. Commit and push

In the next lesson you will send telemetry to Jaeger.