

# SOA Exercise Guide - April 2021

The exercises are all in Github here: <https://freo.me/ox-soa-labs>

Exercise	Description
1	Simple HTTP JSON Server in Typescript
2	Simple HTTP JSON Client in Python
3	Creating a RESTful API in Typescript with tsoa
4	Getting started with Docker
5	The Richardson Maturity Model – making our API RESTful
6	Using OpenAPI to describe services
7	Docker packaging of your API including Docker Compose
8	Performance testing HTTP with autocannon
9	OAuth2 based identities for API calls
10	API Management
11	Event Driven Architecture with NATS
12	gRPC
13	GraphQL
14	TLS certificates
15	SOAP to REST conversion using Ballerina
16	Building a BPMN process