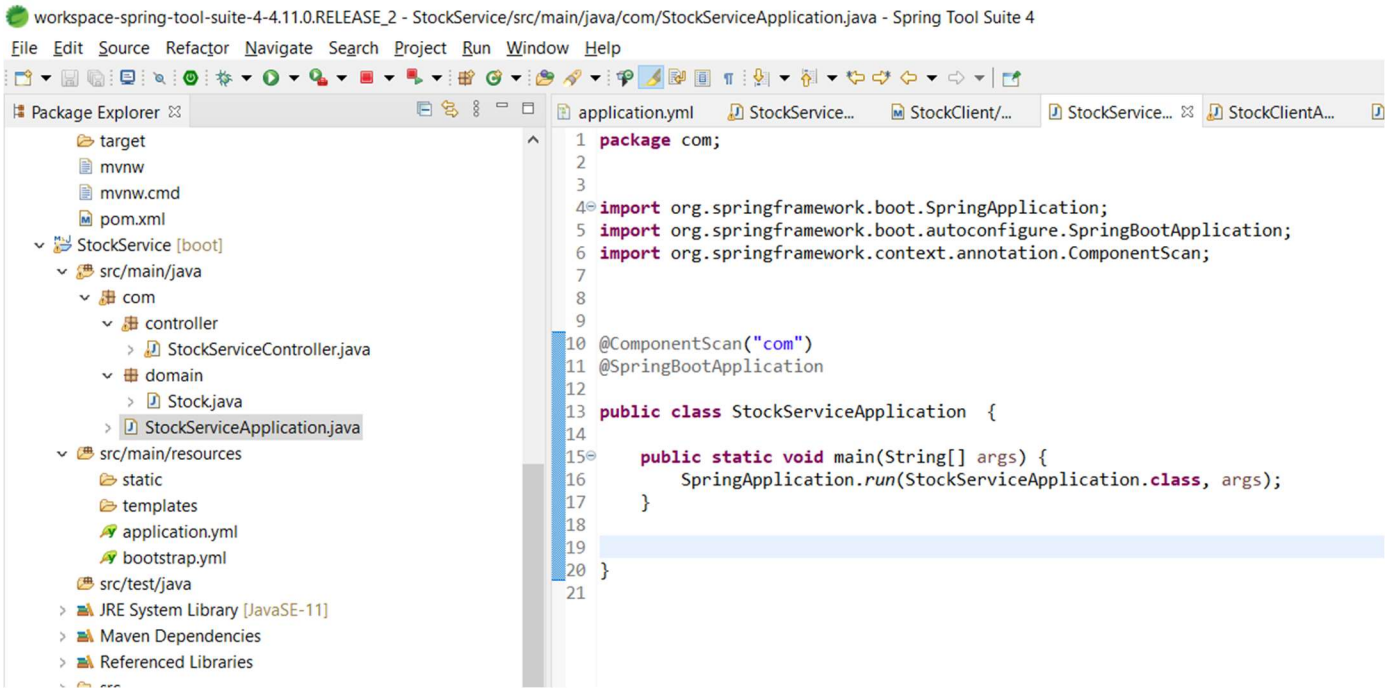
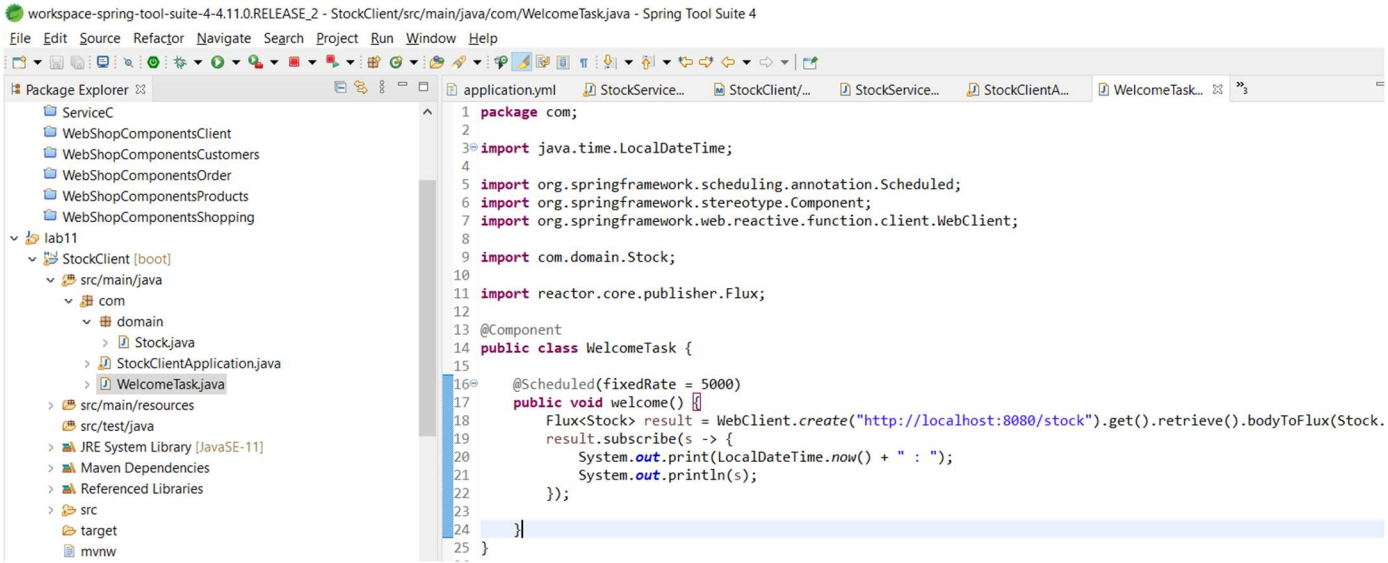
Subject	SWA – CS590
Assignment	Lab 11
Date	9/11/2021
Students	Vo Ngoc Huy Nguyen - 611066
Professor	Rene de Jong

Lab Assignment 11: Responsive and Distributed Transaction

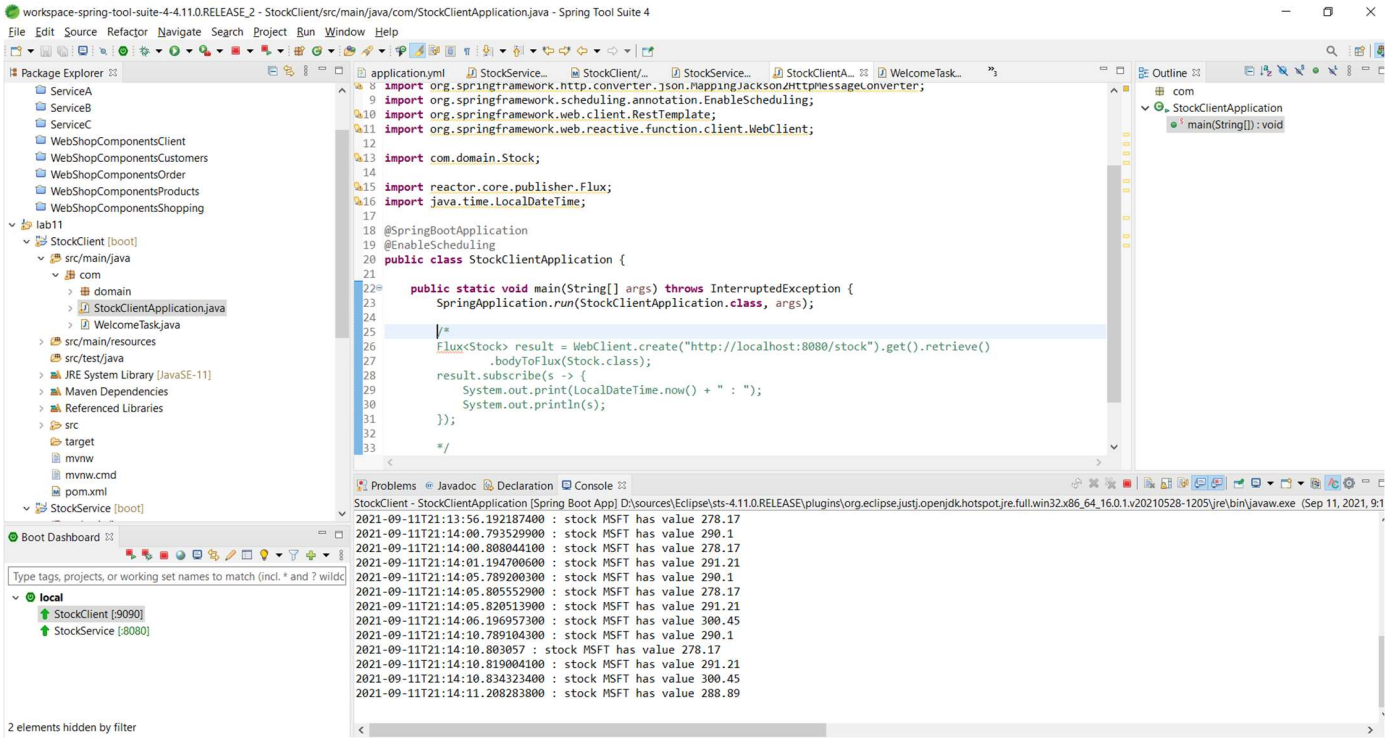
Exercise 1: Spring WebFlux

REST stock service and client



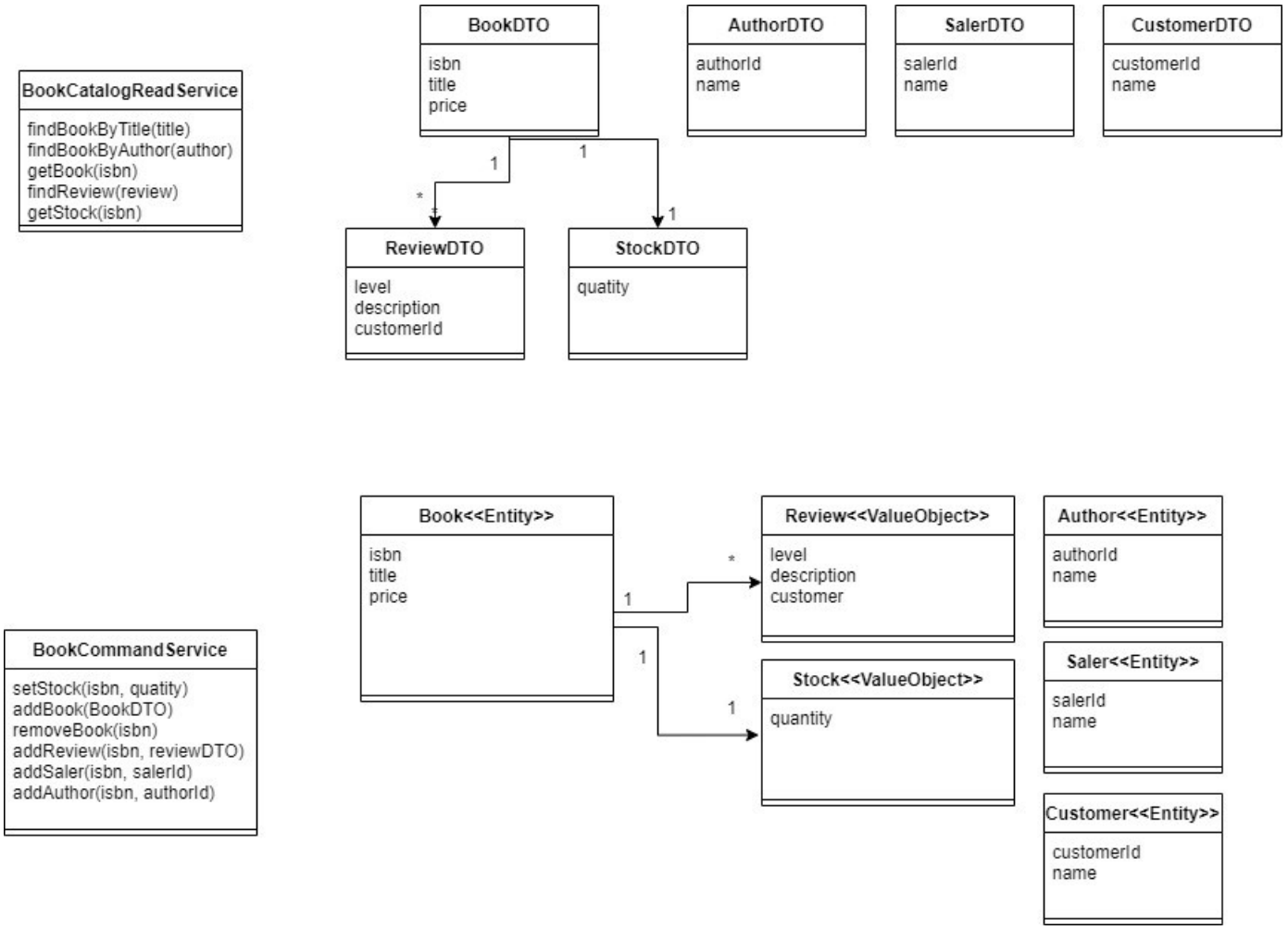


Refer the output:



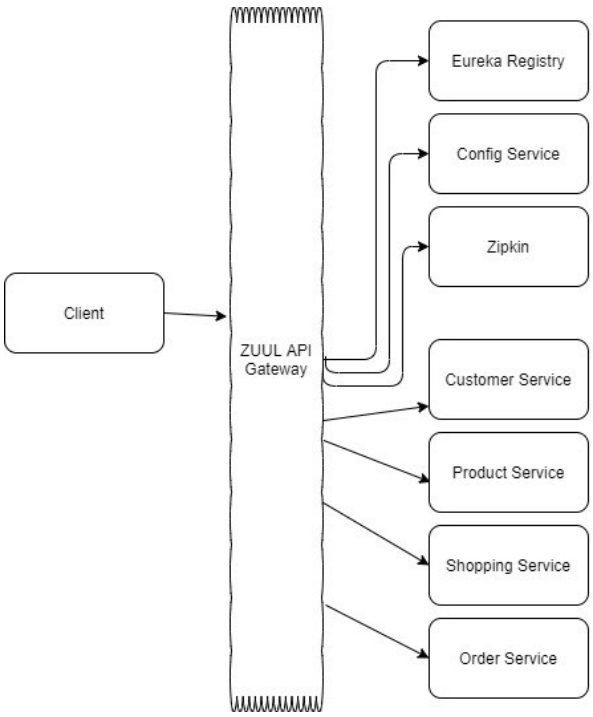
Exercise 2:

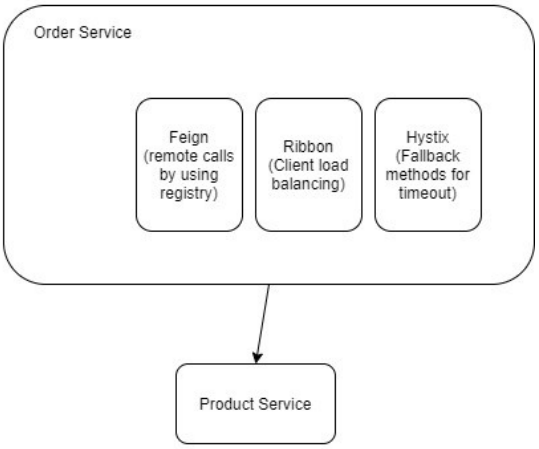
Design and draw diagram with BookCatalog service (query and command services)



Exercise 3:

Draw diagram for webshop


Client
ZUUL API Gateway
Eureka Registry
Config Service
Zipkin
Customer Service
Product Service
Shopping Service
Order Service


Order Service
Feign (remote calls by using registry)
Ribbon (Client load balancing)
Hystix (Fallback methods for timeout)
Product Service