Please follow following steps to run application:

1. Run Docker
2. Run following command to make backend service available to consume. Go to command prompt and run following command.

docker container run --publish 4000:4000 qwkz/backend-services:latest

1. Run AggregationServiceApplication.java file, it will start inbuilt tomcat server and deploy service on it.
2. GO to browser and access following url:

* [127.0.0.1:8080/aggregation](http://127.0.0.1:8080/aggregation)

As no param passed, so result is this –

{"shipments":{},"track":{},"prices":{}}

* [127.0.0.1:8080/aggregation?shipmentsOrderNumbers=987654321,123456789&trackOrderNumbers=987654321,123456789&pricingCountryCodes=NL,CN](http://127.0.0.1:8080/aggregation?shipmentsOrderNumbers=987654321,123456789&trackOrderNumbers=987654321,123456789&pricingCountryCodes=NL,CN)

All param passed, result –

{"shipments":{"123456789":["PALLET","PALLET"],"987654321":["PALLET","PALLET","ENVELOPE","ENVELOPE","ENVELOPE"]},"track":{"123456789":"DELIVERING","987654321":"NEW"},"prices":{"CN":"82.23669510762342","NL":"43.538660918390335"}}

* [127.0.0.1:8080/aggregation?shipmentsOrderNumbers=987654321,123456789&pricingCountryCodes=NL,CN](http://127.0.0.1:8080/aggregation?shipmentsOrderNumbers=987654321,123456789&pricingCountryCodes=NL,CN)

{"shipments":{"123456789":["PALLET","ENVELOPE","ENVELOPE","BOX","BOX"],"987654321":["ENVELOPE","PALLET","PALLET","PALLET","PALLET"]},"track":{},"prices":{"CN":"26.26769598765517","NL":"62.556771353306864"}}

* [127.0.0.1:4000/shipment-products?orderNumber=109347263](http://127.0.0.1:4000/shipment-products?orderNumber=109347263)

["ENVELOPE","BOX","PALLET"]

* [localhost:4000/shipment-products?orderNumber=109347263](http://localhost:4000/shipment-products?orderNumber=109347263)

["PALLET","ENVELOPE"]