Phase 3

9 classes

Day 8 : June 11 2024

Creating Rest API for Product as well as Orders with Spring boot with database mysql using spring jpa data

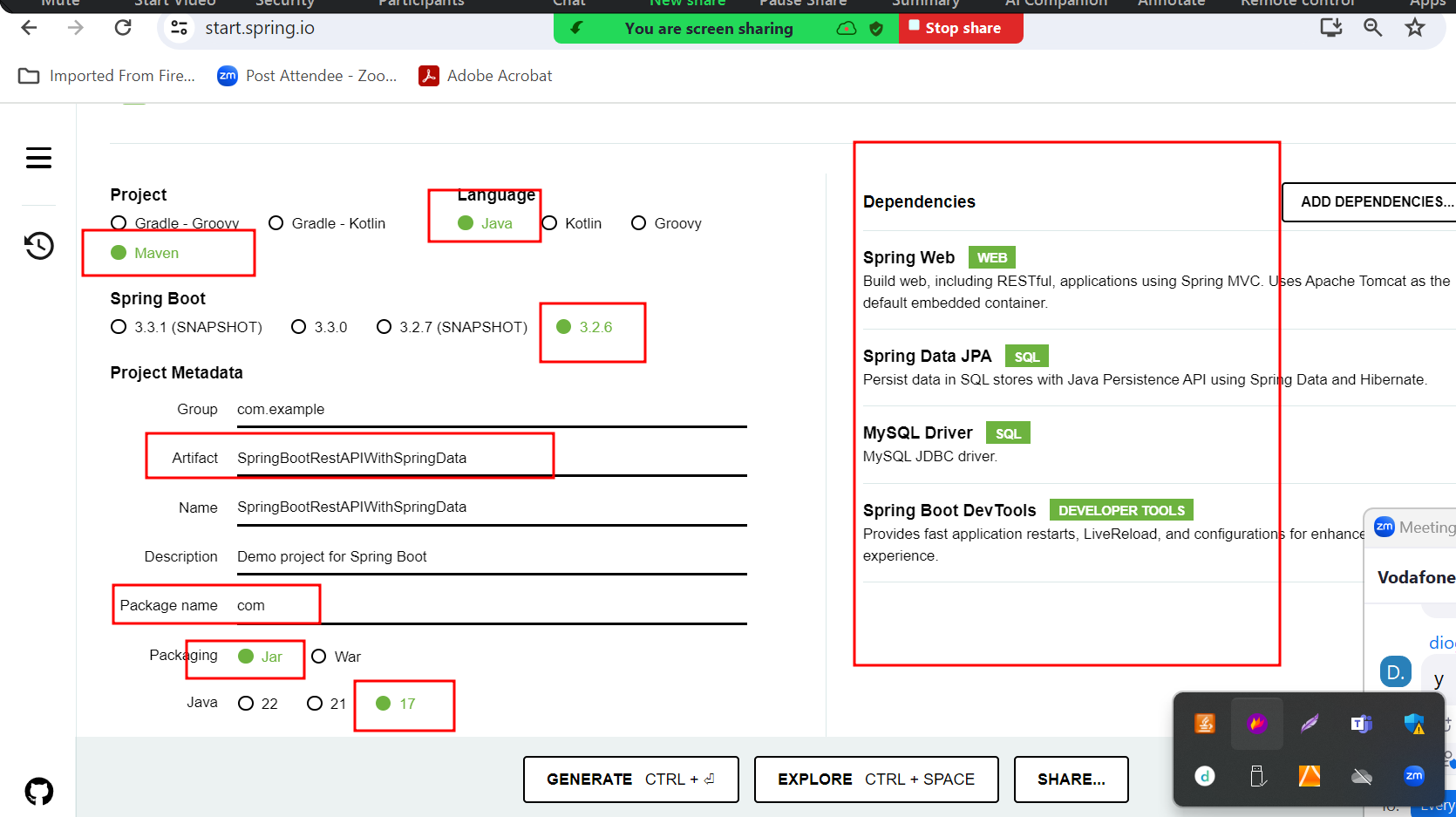
<https://start.spring.io/>

Starter 🡪 web starter : rest api features

Starter -🡪 jpa starter : orm as well as spring jpa data

Dependencies 🡪 mysql or oracle : help to connect the database.

Starter -🡪 devtool : it provide features as whenever we do any changes automatically refresh the project.



Difference between

RequestMapping Vs GetMapping, PostMapping,PutMapping, DeleteMapping

RequestMapping 🡪 this annotation we can write on class level (to map main path of request) as well as method level with method attribute is get, post, put or delete.

XXXMapping : these annotation we can use only on method level without method attribute like GetMapping, PostMapping, Putmapping etc.

Database side

Product

Pid(PK), pname, price, qty

100 TV 45000 10

Create table product(pid int primary key,pname varchar(25), price float, qty int);

Orders

Oid(PK) auto\_increment, orderdateandtime pid(FK) qty

1 19 Jun. 24 4:07 pm IST 100 2

2 19 Jun. 24 4:08 pm IST 100 4

Create table orders(oid int primary key auto\_increment, orderdataandtime datetime, pid int, qty int, foreign key(pid) references product(pid));

Pid🡪1

Qty 🡪5