

Setup the mysql container:

```
docker run -d -p 6666:3306 --name=docker-mysql --  
env="MYSQL_ROOT_PASSWORD=test1234" --env="MYSQL_DATABASE=mydb" mysql
```

```
docker exec -it docker-mysql bash
```

```
# mysql -uroot -p  
test1234
```

```
mysql> show databases;
```

```
mysql> show tables;
```

Another Terminal:

```
docker exec -i docker-mysql mysql -uroot -ptest1234 mydb <tables.sql
```

Launch the Application Containers:

```
docker build -f Dockerfile -t coupon_app .
```

```
docker run -t --name=coupon-app --link docker-mysql:mysql -p 10555:9091  
coupon_app
```

```
docker build -f Dockerfile -t product_app .
```

```
docker run -t --link docker-mysql:mysql -p 10666:9090 product_app
```

```
docker run -t --link docker-mysql:mysql --link coupon-app:coupon_app -p  
10666:9090 product_app
```

Testing:

```
http://localhost:10555/couponapiapi
```

```
http://localhost:10666/productapi
```

The --link command will allow the Containers