

## How to run the entire course

### 1. Person Service

- a. **Make sure your MySQL Database has been configured in the following way, before proceeding**
- b. **You need to have the MySQL root password as root. After updating the password, run this as well through MySQL Workbench**
- c. **GRANT ALL PRIVILEGES ON \*.\* TO 'root'@'%' IDENTIFIED BY 'root' WITH GRANT OPTION;**
- d. **FLUSH PRIVILEGES;**
- e. **Create a new database Schema named as "rsmortgage"**
- f. **Open Git Bash**
- g. Clone this git clone <https://github.com/rollingstonetechnology/udemy-rsmortgage-person-service-new.git>
- h. Change Directory udemy-rsmortgage-person-service-new
- i. mvn clean package
- j. java -jar -Dspring.profiles.active=mysql target/u press tab
- k. Open the PDF Document from the docs / labdocs folder
- l. Navigate to 1.44 and follow onwards
- m. Test the Person Service through Chrome Rest Client

## 2. Service Discovery HA

- a. Open Git bash in your project root folder
- b. git clone <https://github.com/rollingstonetech/udemy-rsmortgage-eureka-service-discovery-ha-latest.git>
- c. Navigate to udemy-rsmortgage-eureka-service-discovery-ha-latest
- d. Run mvn clean package
- e. Modify your windows C:\Windows\System32\drivers\etc\hosts file to include. You need Admin privileges for editing this file
  - i. 127.0.0.1 eureka-host1
  - ii. 127.0.0.1 eureka-host2
- f. Open another git bash
- g. Run in the first git bash java -jar -Dspring.profiles.active=eureka-host1 target/udemy-rsmortgage-service-discovery-ha-latest-1.0.jar
- h. Run in the second git bash java -jar -Dspring.profiles.active=eureka-host2 target/udemy-rsmortgage-service-discovery-ha-latest-1.0.jar

## 3. Config Service

- a. Open Git bash in your project root folder
- b. git clone <https://github.com/rollingstonetech/udemy-rsmortgage-config-service-latest.git>
- c. Navigate to udemy-rsmortgage-config-service-latest
- d. mvn clean package
- e. Run java -jar -Dspring.profiles.active=mysql target/u press tab

## 4. Customer Service

- a. Open Git bash in your project root folder
- b. git clone <https://github.com/rollingstonetech/udemy-rsmortgage-customer-service-latest.git>
- c. Navigate to udemy-rsmortgage-customer-service-latest
- d. mvn clean package
- e. Run java -jar -Dspring.profiles.active=mysql target/u press tab

## 5. Customer Account Service

- a. Open Git bash in your project root folder
- b. git clone <https://github.com/rollingstonetech/udemy-rsmortgage-customer-account-service-latest.git>
- c. Navigate to udemy-rsmortgage-customer-service-latest

- d. mvn clean package
- e. Run java -jar -Dspring.profiles.active=mysql target/u press tab
- f. Press Enter