Skill: Microservices with Spring Boot 3 and Spring Cloud

Exercise: Creating Microservices for account and loan

account-service

```
Account.java
                              AccountController.java
                                                             application.propertie
           @Entity 6 usage
                @GeneratedValue(strategy = GenerationType.IDENTITY)
                private String accountType; 2 usages
private Double balance; 2 usages
                public Long getId() { no usages
                return id; H

public void setId(Long id) { no usages

this.id = id; }

public String getAccountHoldername() { no usages
                public void setAccountHoldername(String accountHoldername) {
                public String getAccountType() { no usages
                     return accountType;
                public void setAccountType(String accountType) { no usages
                     return balance; }
                                      package com.bank.account_service.controller;
ccount-service C:\Users\shalu\Downloads
                                      import com.bank.account_service.model.Account;
.idea
                                      import com.bank.account_service.repository.AccountRepository;
account-service
                                      import org.springframework.beans.factory.annotation.Autowired;
mvn.
                                      import org.springframework.web.bind.annotation.*;
□ src
                                      import java.util.List:

✓ □ main

     @Autowired 2 usa
                                         private AccountRepository accountRepository:
       > 🖻 model
                                          public Account createAccount(@RequestBody Account account) {

    AccountRepository

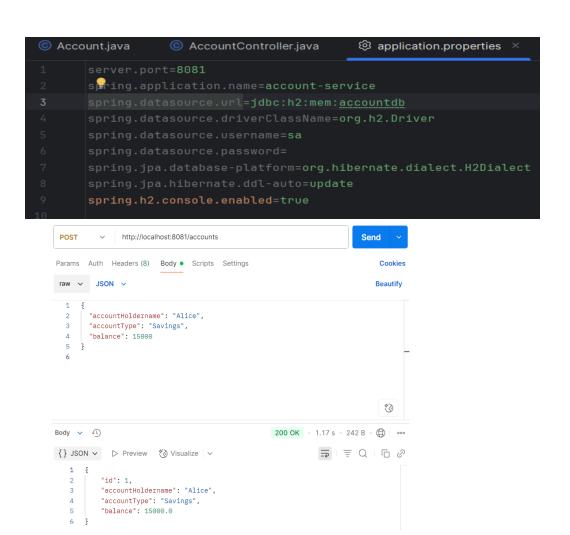
                                              return accountRepository.save(account):

    AccountServiceApplication

      static
       templates
                                              return accountRepository.findAll():
                                               (©) application.properties
Account.java
                   AccountController.java

    AccountServiceApplicat

      package com.bank.account_service.repository;
      import com.bank.account_service.model.Account;
      import org.springframework.data.jpa.repository.JpaRepository;
      public interface AccountRepository extends JpaRepository<Account, Long> { 2 usages
```



• Loan-service

```
Project

    LoanRepository.java

                                                                                CoanController.java
                                       Loan.java
  loan-service C:\Users\shalu\Downlo
                                              import org.springframework.beans.factory.annotation.Autowired;
                                              import org.springframework.web.bind.annotation.*;
   > 🗀 .idea

∨ □ loan-service

     > 🗀 .mvn

→ □ src

        main
                                                  @Autowired 2 usages
          🗸 🗀 java
                                                  private LoanRepository loanRepository;

✓ i com.bank.loan_service

              controller
                                                  public Loan createLoan(@RequestBody Loan loan) {
                    © LoanController
                    © Loan
               >    repository
                  © LoanServiceApplica
          > Resources

    test
```

```
spring.application.name=loan-service
server.port=8082
spring.datasource.url=jdbc:h2:mem:loandb
spring.datasource.driverClassName=org.h2.Driver
spring.datasource.username=sa
spring.datasource.password=
spring.jpa.database-platform=org.hibernate.dialect.H2Dialect
spring.h2.console.enabled=true
```

