**Creating Microservices for account and loan**

## **AccountApplication.java**

package com.cognizant.account;  
  
import org.springframework.boot.SpringApplication;  
import org.springframework.boot.autoconfigure.SpringBootApplication;  
  
@SpringBootApplication  
public class AccountApplication {  
 public static void main(String[] args) {  
 SpringApplication.run(AccountApplication.class, args);  
 }  
}

## **AccountController.java**

package com.cognizant.account.controller;  
  
import org.springframework.web.bind.annotation.\*;  
import java.util.\*;  
  
@RestController  
@RequestMapping("/accounts")  
public class AccountController {  
  
 @GetMapping("/{number}")  
 public Map<String, Object> getAccountDetails(@PathVariable String number) {  
 Map<String, Object> account = new HashMap<>();  
 account.put("number", number);  
 account.put("type", "savings");  
 account.put("balance", 234343);  
 return account;  
 }  
}

## **LoanApplication.java**

package com.cognizant.loan;  
  
import org.springframework.boot.SpringApplication;  
import org.springframework.boot.autoconfigure.SpringBootApplication;  
  
@SpringBootApplication  
public class LoanApplication {  
 public static void main(String[] args) {  
 SpringApplication.run(LoanApplication.class, args);  
 }  
}

## **LoanController.java**

package com.cognizant.loan.controller;  
  
import org.springframework.web.bind.annotation.\*;  
import java.util.\*;  
  
@RestController  
@RequestMapping("/loans")  
public class LoanController {  
  
 @GetMapping("/{number}")  
 public Map<String, Object> getLoanDetails(@PathVariable String number) {  
 Map<String, Object> loan = new HashMap<>();  
 loan.put("number", number);  
 loan.put("type", "car");  
 loan.put("loan", 400000);  
 loan.put("emi", 3258);  
 loan.put("tenure", 18);  
 return loan;  
 }  
}

## **account - application.properties**

server.port=8080  
spring.application.name=account-service

## **loan - application.properties**

server.port=8081  
spring.application.name=loan-service

## **Output**





  
