**Creating Microservices for account and loan**

**Account Microservice:**

**AccountController.java:**

package com.cognizant.account.controller;

import org.springframework.web.bind.annotation.\*;

import java.util.\*;

*@RestController*

public class AccountController {

*@GetMapping*("/accounts/{number}")

public Map<String, Object> getAccount(*@PathVariable* String number) {

Map<String, Object> accountDetails = new HashMap<>();

accountDetails.put("number", number);

accountDetails.put("type", "savings");

accountDetails.put("balance", 234343);

return accountDetails;

}

}

**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);

}

}



**Loan Microservice:**

**LoanController.java:**

package com.cognizant.loan.controller;

import org.springframework.web.bind.annotation.\*;

import java.util.\*;

*@RestController*

public class LoanController {

*@GetMapping*("/loans/{number}")

public Map<String, Object> getLoan(*@PathVariable* String number) {

Map<String, Object> loanDetails = new HashMap<>();

loanDetails.put("number", number);

loanDetails.put("type", "car");

loanDetails.put("loan", 400000);

loanDetails.put("emi", 3258);

loanDetails.put("tenure", 18);

return loanDetails;

}

}

**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);

}

}

