**Creating Microservices for account and loan**

### **Account Microservice**

#### **AccountController.java**

package com.cognizant.account.controller;

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

import java.util.Map;

@RestController

@RequestMapping("/accounts")

public class AccountController {

@GetMapping("/{number}")

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

return Map.of(

"number", number,

"type", "savings",

"balance", 234343

);

}

}

#### **Output**

#### **URL:**

http://localhost:8080/accounts/00987987973432

**Response:**

{

"number": "00987987973432",

"type": "savings",

"balance": 234343

}

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### **Loan Microservice**

#### **application.properties**

server.port=8081

#### **LoanController.java**

package com.cognizant.loan.controller;

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

import java.util.Map;

@RestController

@RequestMapping("/loans")

public class LoanController {

@GetMapping("/{number}")

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

return Map.of(

"number", number,

"type", "car",

"loan", 400000,

"emi", 3258,

"tenure", 18

);

}

}

#### **Output**

#### **URL:**

http://localhost:8081/loans/H00987987972342

**Response:**

{

"number": "H00987987972342",

"type": "car",

"loan": 400000,

"emi": 3258,

"tenure": 18

}

.