**Creating Microservices for account and loan**

**Code:**

accountController.java

package com.cognizant.account.controller;

import java.util.Map;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.PathVariable;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RestController;

@RestController

@RequestMapping("/accounts")

public class accountController {

@GetMapping("/{number}")

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

return Map.of("number",number,"type","savings","balance",234343);

}

}

loanController.java

**package** com.cognizant.loan.controller;

**import** java.util.Map;

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

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

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

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

@RestController

@RequestMapping("/loans")

**public** **class** loanController {

@GetMapping("/{number}")

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

**return** Map.*of*("number", number,"type", "car","loan",400000,"emi",3258,"tenure",18);

}

}

application.properties

spring.application.name=loan

server.port=8081

**Output**

