**Creating Microservices for account and loan**

**Steps Performed:**

1. **Setup the Project Folder**
2. **Created Each Spring Boot Microservice**
3. Wrote the Controller Code
4. Ran Services Individually
5. Tested Endpoints

**AccountController**

package com.cognizant.account.controller;

import com.cognizant.account.model.Account;

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

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

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

import java.util.List;

@RestController

@RequestMapping("/accounts")

public class AccountController {

    @GetMapping

    public List<Account> getAccounts() {

        return List.of(

            new Account("12345", "John Doe", 2500.00),

            new Account("67890", "Jane Smith", 4000.50)

        );

    }

}

**LoanController**

package com.cognizant.loan.controller;

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;

import java.util.Map;

@RestController

@RequestMapping("/loans")

public class LoanController {

    @GetMapping("/{number}")

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

        // Dummy response

        return Map.of(

                "number", number,

                "type", "car",

                "loan", 400000,

                "emi", 3258,

                "tenure", 18

        );

    }

}

**Output:**







