**Creating Microservices for account and loan**

**AccountController.java**

package com.cognizant.account.controller;

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

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

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

class Account {

    private String number;

    private String type;

    private double balance;

    public Account(String number, String type, double balance) {

        this.number = number;

        this.type = type;

        this.balance = balance;

    }

    public String getNumber() { return number; }

    public void setNumber(String number) { this.number = number; }

    public String getType() { return type; }

    public void setType(String type) { this.type = type; }

    public double getBalance() { return balance; }

    public void setBalance(double balance) { this.balance = balance; }

}

@RestController

public class AccountController {

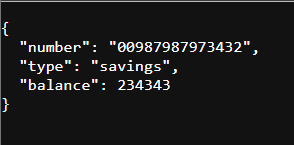
    @GetMapping("/accounts/{number}")

    public Account getAccountDetails(@PathVariable String number) {

        return new Account("00987987973432", "savings", 234343.0);

    }

}



LoanController.java

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.RestController;

class Loan {

    private String number;

    private String type;

    private double loan;

    private int emi;

    private int tenure;

    public Loan(String number, String type, double loan, int emi, int tenure) {

        this.number = number;

        this.type = type;

        this.loan = loan;

        this.emi = emi;

        this.tenure = tenure;

    }

    public String getNumber() { return number; }

    public void setNumber(String number) { this.number = number; }

    public String getType() { return type; }

    public void setType(String type) { this.type = type; }

    public double getLoan() { return loan; }

    public void setLoan(double loan) { this.loan = loan; }

    public int getEmi() { return emi; }

    public void setEmi(int emi) { this.emi = emi; }

    public int getTenure() { return tenure; }

    public void setTenure(int tenure) { this.tenure = tenure; }

}

@RestController

public class LoanController {

    @GetMapping("/loans/{number}")

    public Loan getLoanDetails(@PathVariable String number) {

        return new Loan("H00987987972524", "car", 400000, 3500, 18);

    }

}

