**Creating Microservices for account and loan   
Solution:**

AccountCOntroller.java –

package com.cognizant.account.controller;

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

@RestController

@RequestMapping("/accounts")

public class AccountController {

    @GetMapping("/{number}")

    public Account getAccount(@PathVariable String number) {

        return new Account(number, "savings", 234343);

    }

    static class Account {

        public String number;

        public String type;

        public double balance;

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

            this.number = number;

            this.type = type;

            this.balance = balance;

        }

    }

}

LoanController.java –

package com.cognizant.loan.controller;

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

@RestController

@RequestMapping("/loans")

public class LoanController {

    @GetMapping("/{number}")

    public Loan getLoan(@PathVariable String number) {

        return new Loan(number, "car", 400000, 3258, 18);

    }

    static class Loan {

        public String number;

        public String type;

        public double loan;

        public int emi;

        public 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;

        }

    }

}

**Output:**



