**CTS DNS WEEK-5 ASSIGNMENT**

**1)Account Microservice:**

**Application.java:**

package com.cognizant.account;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class AccountApplication {

public static void main(String[] args) {

SpringApplication.run(AccountApplication.class, args);

}

}

**Controller.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 int balance;

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

this.number = number;

this.type = type;

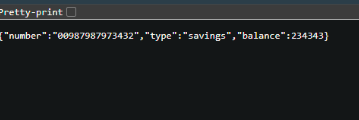
this.balance = balance;

}

}

}

**Output:**

****

**2)Loan Microservice**

**Application.java:**

package com.cognizant.loan;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class LoanApplication {

public static void main(String[] args) {

SpringApplication.run(LoanApplication.class, args);

}

}

**Controller.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 int loan;

public int emi;

public int tenure;

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

this.number = number;

this.type = type;

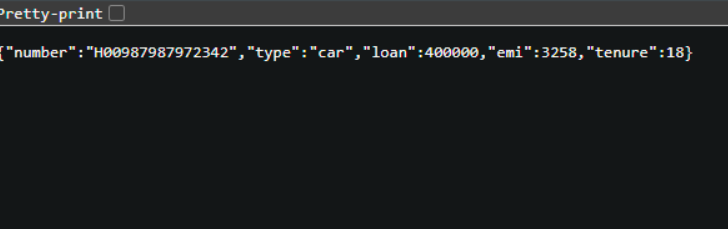
this.loan = loan;

this.emi = emi;

this.tenure = tenure;

}}}

**Output:**

****