**WEEK 5**

**Creating Microservices for account and loan**

**AccountController**

package com.cognizant.account.controller;

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

import java.util.Map;

*@RestController*

*@RequestMapping*("/accounts")

public class AccountController {

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

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

return Map.*of*(

"number", number,

"type", "savings",

"balance", 234343

);

}

}

**Output:**

[localhost:8082/accounts/00987987973432](http://localhost:8082/accounts/00987987973432)

{"number":"00987987973432","balance":234343,"type":"savings"}

**LoanController**

package com.cognizant.loan.controller;

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

import java.util.Map;

*@RestController*

*@RequestMapping*("/loans")

public class LoanController {

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

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

return Map.*of*(

"number", number,

"type", "car",

"loan", 400000,

"emi", 3258,

"tenure", 18

);

}

}

**Output:**

[localhost:8081/loans/H00987987972342](http://localhost:8081/loans/H00987987972342)

{"tenure":18,"number":"H00987987972342","type":"car","loan":400000,"emi":3258}