**Microservices Hands-on**

**Name : Udit Bhargava**

**Superset Id : 6386801**

**Exercise 1: Creating Microservices for account and loan**

**CODE :**

**Account microservice :**

**AccountController.java :**

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  
 );  
 }  
}

**application.properties :**

spring.application.name=account  
server.port=8081

**Loan microservice :**

**LoanController.java :**

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  
 );  
 }  
}

**application.properties :**

spring.application.name=loan  
server.port=8082

**Output :**



