WEEK-5

MICROSERVICES

Creating Microservices for account and loan

CODE:

ACCOUNT FOLDER

AccountController.java

**package** com.cognizant.account.controller;

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

**import** java.util.HashMap;

**import** java.util.Map;

@RestController

**public** **class** AccountController {

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

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

Map<String, Object> response = **new** HashMap<>();

response.put("number", number);

response.put("type", "savings");

response.put("balance", 234343);

**return** response;

}

}

AccountApplication.java:

package com.cognizant.account;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class AccountApplication {

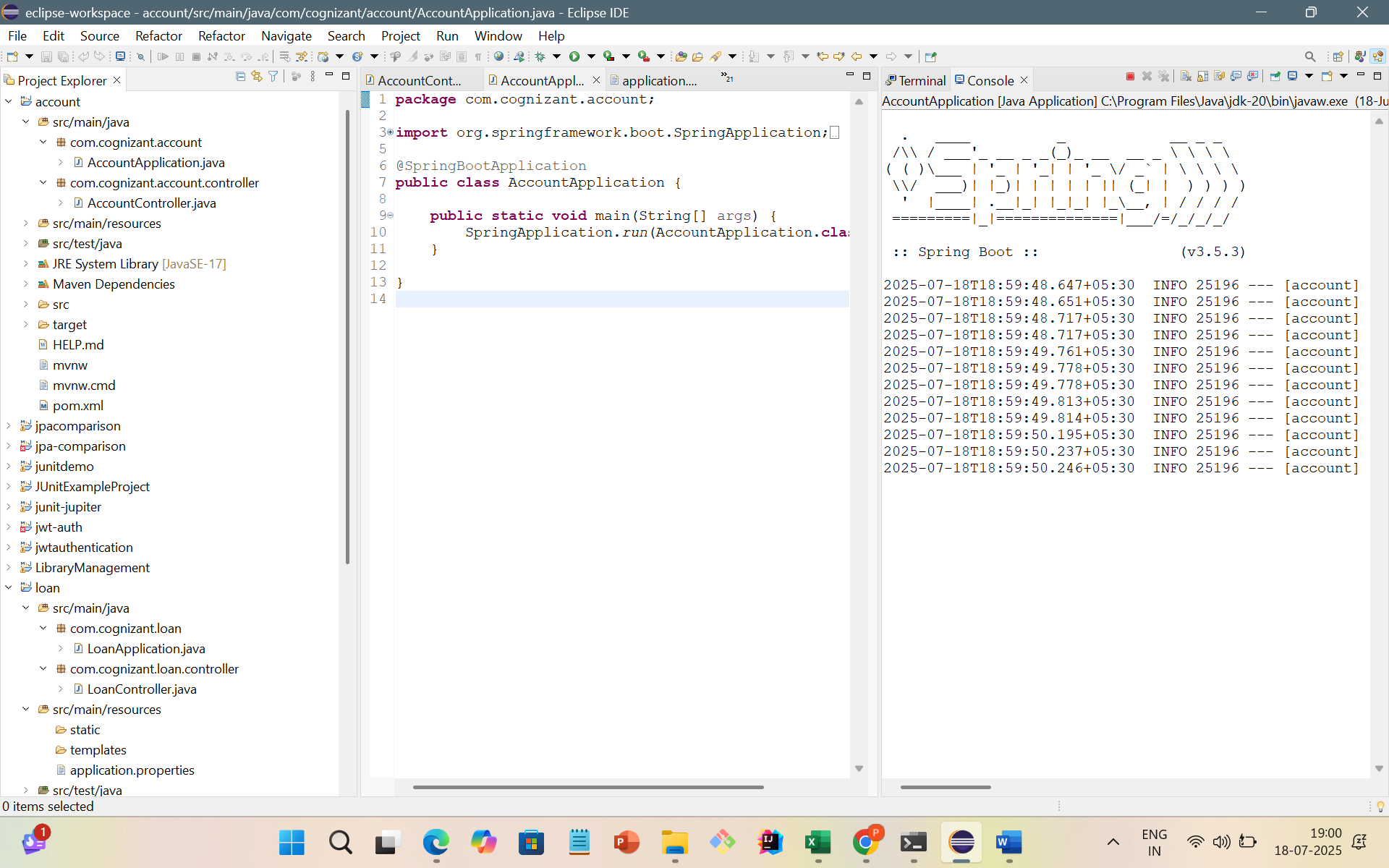
public static void main(String[] args) {

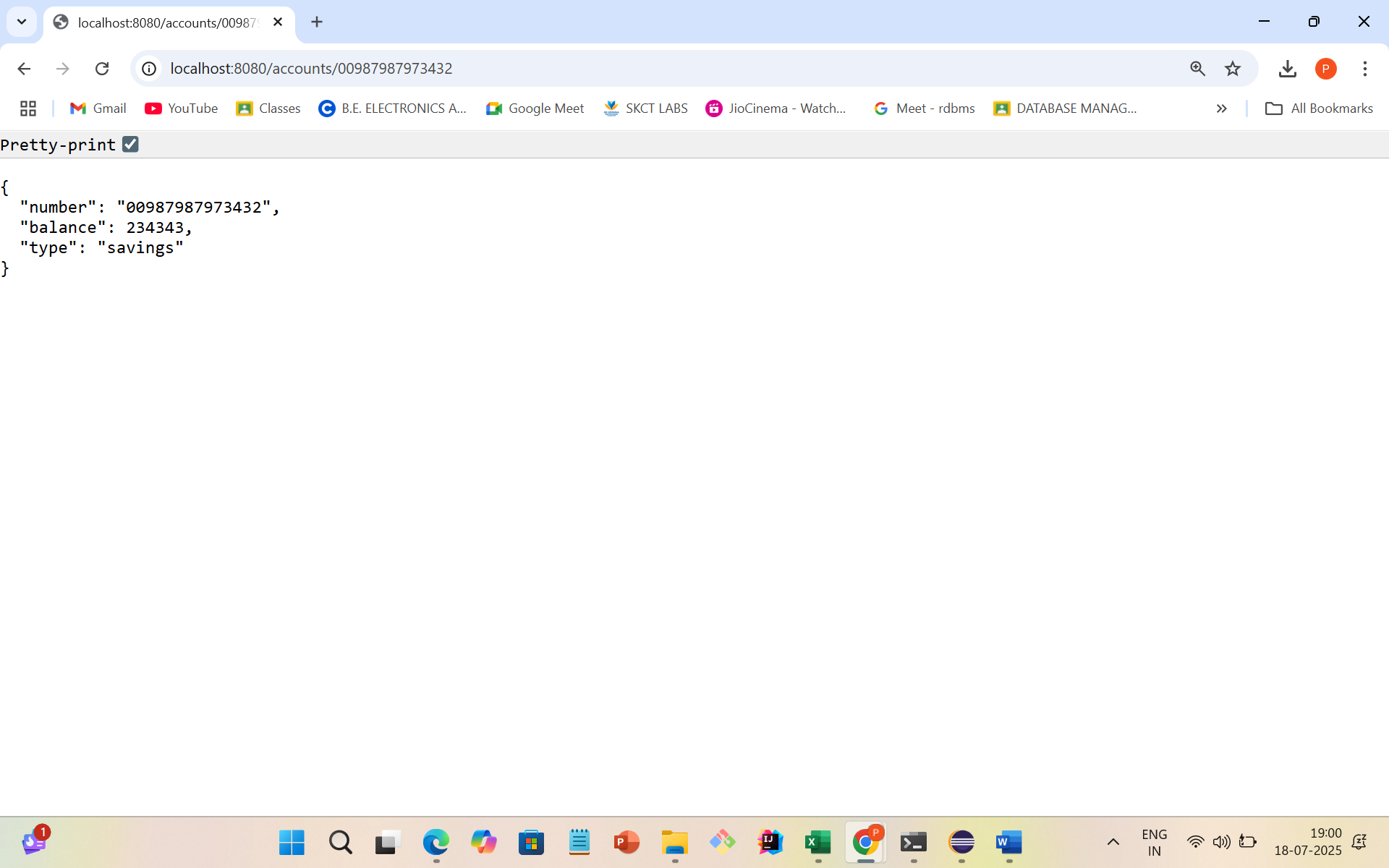
SpringApplication.run(AccountApplication.class, args);

}

}

OUTPUT:





LOAN FOLDER

LoanController.java

**package** com.cognizant.loan.controller;

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

**import** java.util.HashMap;

**import** java.util.Map;

@RestController

**public** **class** LoanController {

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

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

Map<String, Object> response = **new** HashMap<>();

response.put("number", number);

response.put("type", "car");

response.put("loan", 400000);

response.put("emi", 3258);

response.put("tenure", 18);

**return** response;

}

}

LoanApplication.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);

}

}

OUTPUT:

