**WEEK5 - MICROSERVICES WITH SPRING BOOT 3 AND SPRING CLOUD**

**EXERCISE 1:**

**Creating Microservices for account and loan:**

**EXPLANATION:**

I have created a Spring Boot microservice project named **account** using [start.spring.io](https://start.spring.io) and imported it into Eclipse. Inside the project, I created a package named com.cognizant.account.controller and added a class AccountController with a REST endpoint to return dummy account details.

I also ran the application using the **main class AccountApplication**, and verified the output by hitting the endpoint http://localhost:8080/accounts/00987987973432 in the browser. It returned the correct JSON response as expected.

**CODE:**

package com.cognizant.account.controller;

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

import java.util.\*;

@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

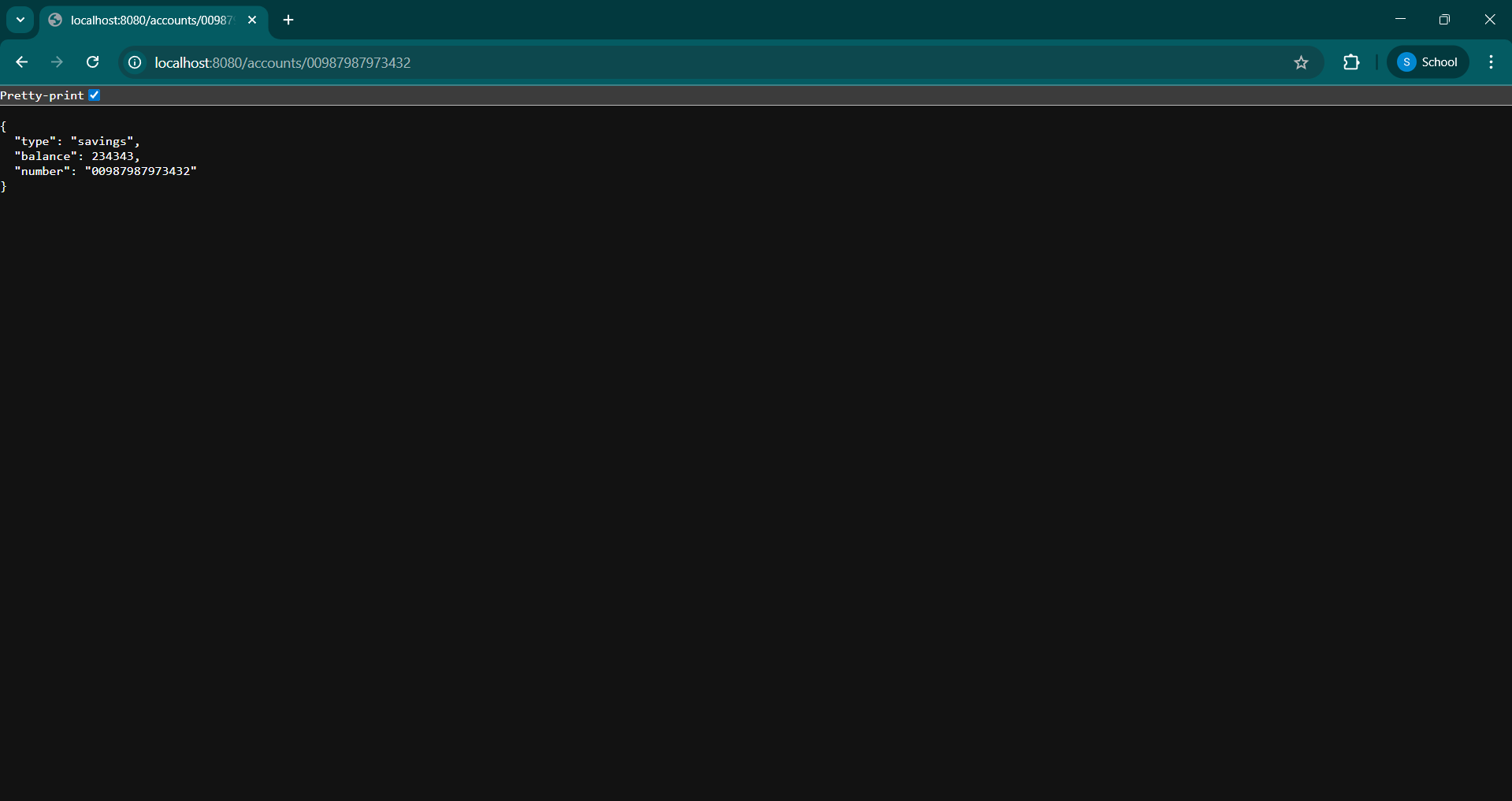
);

}

}

**TEST IN BROWSER:**

http://localhost:8080/accounts/00987987973432

**OUTPUT:** **** 