**WEEK-5**

**Microservices with API gateway**

**Creating Microservices for account and loan:**

**Code:**

**AccountApplication.java:**

package com.cognizant.account.controller;

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);

    }

}

**AccountController.java:**

package com.cognizant.account.controller;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.PathVariable;

import org.springframework.web.bind.annotation.RestController;

import java.util.Map;

@RestController

public class AccountController {

    @GetMapping("/accounts/{number}")

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

        return Map.of(

            "number", number,

  "type", "savings",

            "balance", 234343

        );

    }

}

**Output:**

**A screen shot of a computer program

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