WEEK 5

Creating Microservices for account

Code:

AccountServiceApplication.java:

```java
package com.example.accountservice;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication
public class AccountServiceApplication {

        public static void main(String[] args) {

                SpringApplication.run(AccountServiceApplication.class, args);

        }

}
```

AccountController.java:

```java
package com.example.accountservice;

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

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

@RestController
public class AccountController {

  @GetMapping("/account")

  public String getAccountDetails() {

    return "Account: Harsshine - Balance: ₹50,000";

  }

}
```
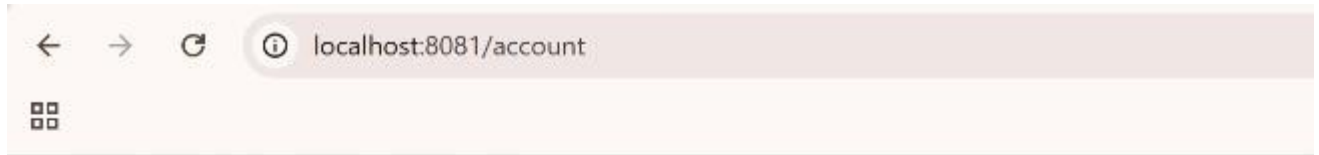
application.properties:

```
server.port=8081

spring.application.name=AccountService
```

Output:

Account: Harsshine - Balance: ₹50,000

Creating Microservices for Loan

Code:

LoanServiceApplication.java:

```java
package com.example.loanservice;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class LoanServiceApplication {

        public static void main(String[] args) {

                SpringApplication.run(LoanServiceApplication.class, args);

        }

}
```

LoanController.java:

```java
package com.example.loanservice;

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

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

@RestController

public class LoanController {

  @GetMapping("/loan")

  public String getLoanDetails() {

    return "Loan: Home Loan - Amount: ₹20,00,000 - Status: Approved";

  }

}
```

application.properties:

server.port=8081

spring.application.name=AccountService

Output:

localhost:8082/loan

Loan: Home Loan - Amount: ₹20,00,000 - Status: Approved

server.port=8081

spring.application.name=AccountService