**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);

}

}

**LoanController.java**

package com.cognizant.loan.controller;

import com.cognizant.loan.model.Loan;

import com.cognizant.loan.service.LoanService;

import org.springframework.beans.factory.annotation.Autowired;

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

@RestController

@RequestMapping("/loan")

public class LoanController {

@Autowired

private LoanService loanService;

@GetMapping("/status")

public String status() {

return "Loan service is running...";

}

@GetMapping("/details")

public Loan getLoanDetails() {

return loanService.getLoanDetails();

}

}

**Loan.java**

package com.cognizant.loan.model;

public class Loan {

private String loanNumber;

private String type;

private double amount;

public Loan(String loanNumber, String type, double amount) {

this.loanNumber = loanNumber;

this.type = type;

this.amount = amount;

}

public String getLoanNumber() { return loanNumber; }

public void setLoanNumber(String loanNumber) { this.loanNumber = loanNumber; }

public String getType() { return type; }

public void setType(String type) { this.type = type; }

public double getAmount() { return amount; }

public void setAmount(double amount) { this.amount = amount; }

}

**LoanService.java**

package com.cognizant.loan.service;

import com.cognizant.loan.model.Loan;

import org.springframework.stereotype.Service;

@Service

public class LoanService {

public Loan getLoanDetails() {

return new Loan("LN123456", "Home Loan", 750000.00);

}

}

**application.properties**

server.port=8081

**pom.xml**

<project xmlns="http://maven.apache.org/POM/4.0.0"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0

http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>com.cognizant</groupId>

<artifactId>loan</artifactId>

<version>0.0.1-SNAPSHOT</version>

<packaging>jar</packaging>

<name>loan</name>

<description>Loan Microservice</description>

<parent>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-parent</artifactId>

<version>3.2.5</version>

<relativePath/>

</parent>

<properties>

<java.version>17</java.version>

</properties>

<dependencies>

<!-- Web Starter -->

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-web</artifactId>

</dependency>

<!-- Test (optional) -->

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-test</artifactId>

<scope>test</scope>

</dependency>

</dependencies>

<build>

<plugins>

<!-- Spring Boot plugin -->

<plugin>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-maven-plugin</artifactId>

<version>3.2.5</version>

</plugin>

</plugins>

</build>

</project>

**OUTPUT:**

**Account Microservice**

A screenshot of a computer

AI-generated content may be incorrect.

**Loan Microservice**

**A screen shot of a computer

AI-generated content may be incorrect.**