**Loan-service**

**Project structure**

loan-service/

├── pom.xml

├── src/

│ └── main/

│ ├── java/

│ │ └── com/

│ │ └── cognizant/

│ │ └── loan/

│ │ ├── LoanServiceApplication.java

│ │ └── controller/

│ │ └── LoanController.java

│ └── resources/

│ └── application.properties

**LoanController.java**

package com.cognizant.loan.controller;

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

import java.util.\*;

@RestController

@RequestMapping("/loans")

public class LoanController {

    @GetMapping("/{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;

    }

}

**LoanServiceApplication.java**

package com.cognizant.loan;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.cloud.client.discovery.EnableDiscoveryClient;

@SpringBootApplication

@EnableDiscoveryClient

public class LoanServiceApplication {

    public static void main(String[] args) {

        SpringApplication.run(LoanServiceApplication.class, args);

    }

}

**Application.properties**

server.port=8081

spring.application.name=loan-service

eureka.client.service-url.defaultZone=http://localhost:8761/eureka

**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>

    <parent>

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

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

        <version>3.2.0</version>

    </parent>

    <dependencies>

        <dependency>

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

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

        </dependency>

        <dependency>

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

            <artifactId>spring-boot-devtools</artifactId>

            <scope>runtime</scope>

        </dependency>

        <dependency>

            <groupId>org.springframework.cloud</groupId>

            <artifactId>spring-cloud-starter-netflix-eureka-client</artifactId>

        </dependency>

    </dependencies>

    <dependencyManagement>

        <dependencies>

            <dependency>

                <groupId>org.springframework.cloud</groupId>

                <artifactId>spring-cloud-dependencies</artifactId>

                <version>2022.0.4</version>

                <type>pom</type>

                <scope>import</scope>

            </dependency>

        </dependencies>

    </dependencyManagement>

    <build>

    <plugins>

        <plugin>

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

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

            <configuration>

                <mainClass>com.cognizant.loan.LoanServiceApplication</mainClass>

            </configuration>

        </plugin>

    </plugins>

</build>

</project>

**Output:**

