Create a project to demonstrate microservices with Spring Boot ?

First create a eureka Server :-

EurekaServerApplication.java [com] :-

package com;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.cloud.netflix.eureka.server.EnableEurekaServer;

@SpringBootApplication

@EnableEurekaServer //enable eureka server

public class EurekaServerApplication {

public static void main(String[] args) {

SpringApplication.run(EurekaServerApplication.class, args);

System.out.println("Eureka Server Up");

}

}

Application.properties :-

server.port=8761

eureka.client.register-with-eureka=false

eureka.client.fetch-registry=false

Now create a first Microservice :-

Application.properties :-

server.port=8181

spring.application.name=first-client

MyController.java [com.controller] :-

package com.controller;

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

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

@RestController

public class MyController {

@RequestMapping(value = "firstClient")

public String sayWelcome() {

return "Welcome Eureka";

}

}

FirstMicroService.java [com] :-

package com;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.cloud.netflix.eureka.EnableEurekaClient;

@SpringBootApplication(scanBasePackages = "com")

@EnableEurekaClient

public class FirstMicroServiceClientApplication {

public static void main(String[] args) {

SpringApplication.run(FirstMicroServiceClientApplication.class, args);

System.out.println("First Micro SEvice Up");

}

}