Create Eureka Discovery Server and register Microservices

CODE:

EurekaDiscoveryServerApplication.java

```java
package com.cognizant.eurekadiscoveryserver;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

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


@SpringBootApplication
@EnableEurekaServer
public class EurekaDiscoveryServerApplication {
    public static void main(String[] args) {
        SpringApplication.run(EurekaDiscoveryServerApplication.class, args);
    }
}
```

AccountApplication.java

```java
package com.cognizant.account;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

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


@SpringBootApplication
@EnableDiscoveryClient
public class AccountApplication {
    public static void main(String[] args) {
        SpringApplication.run(AccountApplication.class, args);
    }
}
```

LoanApplication.java

package com.cognizant.loan;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;
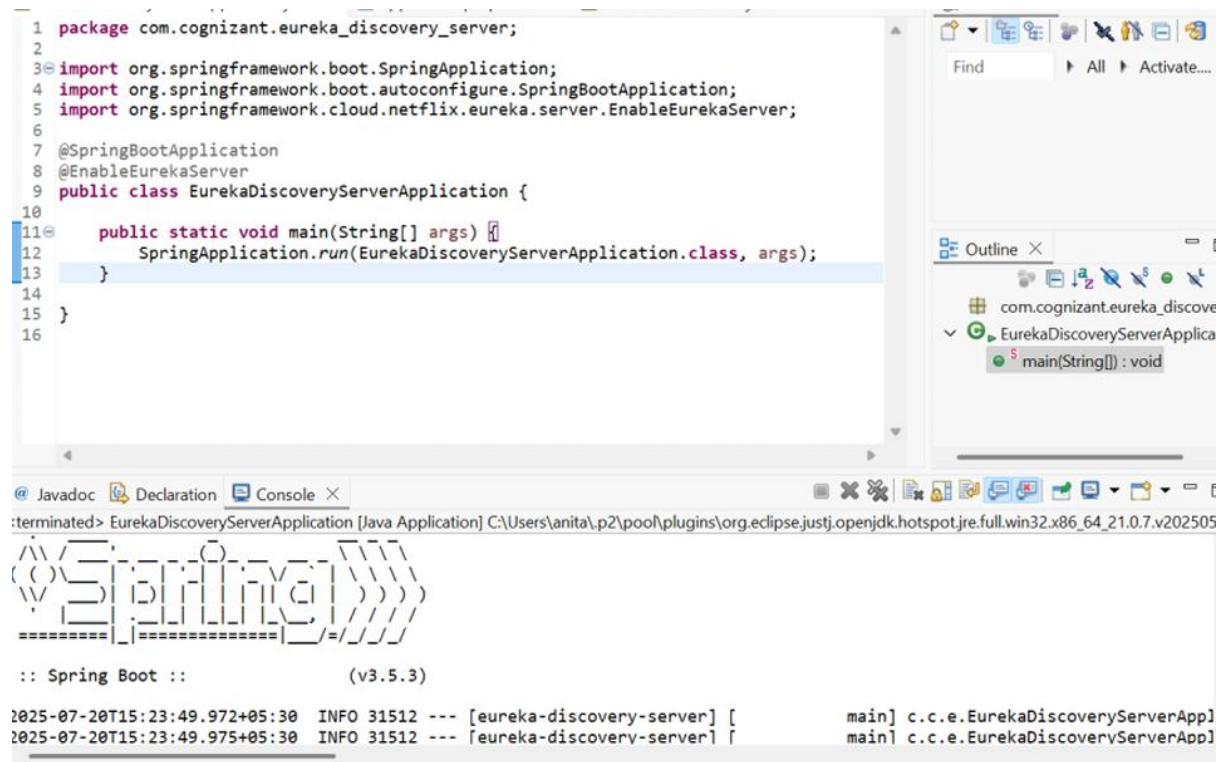
import org.springframework.cloud.client.discovery.EnableDiscoveryClient;

@SpringBootApplication

@EnableDiscoveryClient

public class LoanApplication {

  public static void main(String[] args) {

    SpringApplication.run(LoanApplication.class, args);

  }

}

OUTPUT:


```
1  package com.cognizant.eureka_discovery_server;
2
3  import org.springframework.boot.SpringApplication;
4  import org.springframework.boot.autoconfigure.SpringBootApplication;
5  import org.springframework.cloud.netflix.eureka.server.EnableEurekaServer;
6
7  @SpringBootApplication
8  @EnableEurekaServer
9  public class EurekaDiscoveryServerApplication {
10
11     public static void main(String[] args) {
12         SpringApplication.run(EurekaDiscoveryServerApplication.class, args);
13     }
14
15  }
16
```

```
Find                    ▸ All  ▸ Activate....
```

```
Outline ×

com.cognizant.eureka_discove
  EurekaDiscoveryServerApplica
      main(String[]) : void
```

```
@ Javadoc   Declaration   Console ×

:terminated> EurekaDiscoveryServerApplication [Java Application] C:\Users\anita\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.7.v202505

 /\\ /___'_ _ _(_)_ __ __ _ \ \ \ \
( ( )\___ | '_ | '_| | '_ \/ _` | \ \ \ \
 \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
  '  |____| .__|_| |_|_| |_\__, | / / / /
 =========|_|==============|___/=/_/_/_/

 :: Spring Boot ::               (v3.5.3)

2025-07-20T15:23:49.972+05:30  INFO 31512 --- [eureka-discovery-server] [       main] c.c.e.EurekaDiscoveryServerApp]
2025-07-20T15:23:49.975+05:30  INFO 31512 --- [eureka-discovery-server] [       main] c.c.e.EurekaDiscoveryServerApp]
```

spring Eureka

System Status

Environment	test		Current time	2024-05-11T22:37:15 +0530
Data center	default		Uptime	00:01
			Lease expiration enabled	false
			Renews threshold	1
			Renews (last min)	0

DS Replicas

localhost

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
No instances available			

General Info