**LAB -1 Creating Eureka Registry**

* Create a Spring Boot Starter Project
* Add Eureka Server, Spring Web as Dependency
* Wait for the Project to be created
* In the generated code look for a class with main method and h @SpringBoot Application
* Add the annotation @EnableEurekaServer at the class level
* Rename the application.properties to application.yml
  + Right click on the File and choose convert properties to yml
* Add the Required Entries to the yml (given below)
* Run the Application
* Open the Browser and navigate to http://localhost:8761 - eureka dash board will be shown

server:

port: 8761

spring:

application:

name: eureka-server-registry

eureka:

client:

register-with-eureka: false

fetch-registry: false

service-url:

defaultZone: http://localhost:8761/eureka

**LAB -2 Creating Eureka Client – Service -A**

* Create a Spring Boot Starter Project
* Add Lombok,Eureka Client, Spring Web as Dependency based in the requirement add other dependencies .
* In the Class with @SpringBoot Application add the annotation @EnableDiscoveryClient
* Rename the application.properties to application.yml
* Add the Required Entries to the yml
* Run the Application
* Open the Browser and navigate to http://localhost:8761 - eureka dash board
* Should be able to see the hotel-service registered

server:

port: 6060

spring:

application:

name: hotel-service

eureka:

client:

register-with-eureka: true

fetch-registry: true

service-url:

defaultZone: http://localhost:8761/eureka

**LAB -2 Creating Eureka Client – Service -B**

* Create a Spring Boot Starter Project
* Add Lombok,Eureka Client,Spring Reactive Web as Dependency based in the requirement add other dependencies also
* In the Class with @SpringBoot Application add the annotation @EnableDiscoveryClient
* Rename the application.properties to application.yml
* Add the Required Entries to the yml
* Register a Bean of type WebClient
* Create a Controller and AutoWire WebClient
* Use the WebClient’s method and invoke the Service A
* Run the Application
* Open the Browser and navigate to http://localhost:8761 - eureka dash board
* Open the Brower and Invoke the Controller with appropriate Maping

server:

port: 6065

spring:

application:

name: hotel-service-client

eureka:

client:

register-with-eureka: true

fetch-registry: true

service-url:

defaultZone: http://localhost:8761/eureka