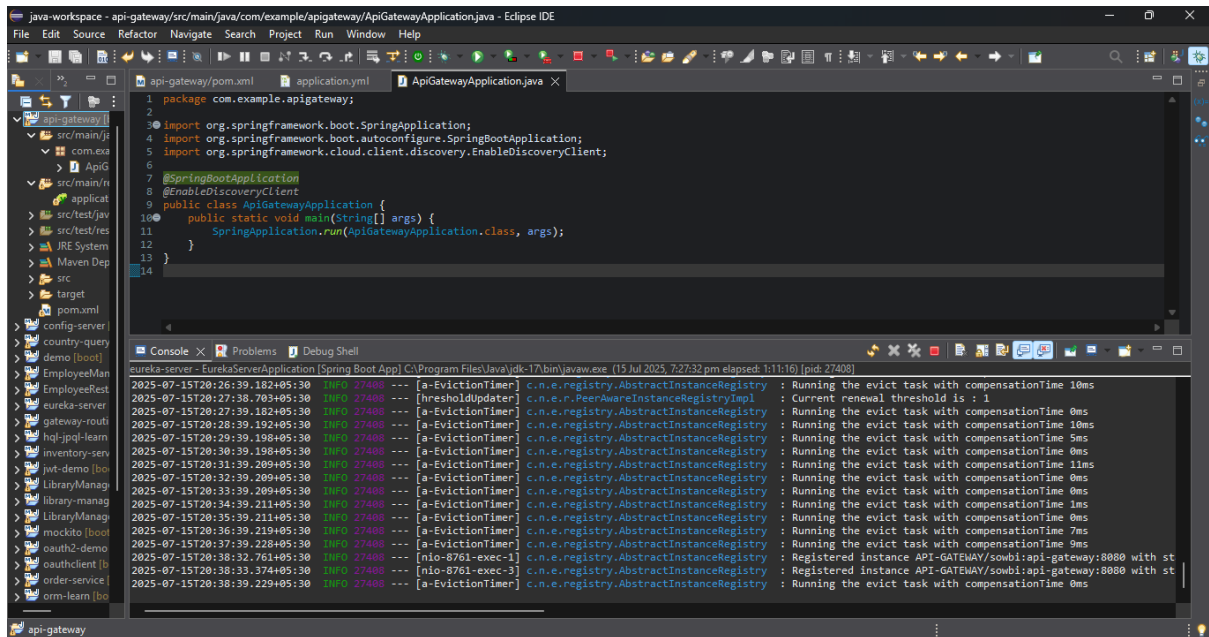


3. Implement an API Gateway

Output:



```
java -workspace - api-gateway/src/main/java/com/example/apigateway/ApiGatewayApplication.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

api-gateway/pom.xml application.yml ApiGatewayApplication.java x
1 package com.example.apigateway;
2
3 import org.springframework.boot.SpringApplication;
4 import org.springframework.boot.autoconfigure.SpringBootApplication;
5 import org.springframework.cloud.client.discovery.EnableDiscoveryClient;
6
7 @SpringBootApplication
8 @EnableDiscoveryClient
9 public class ApiGatewayApplication {
10     public static void main(String[] args) {
11         SpringApplication.run(ApiGatewayApplication.class, args);
12     }
13 }
14

Console Problems Debug Shell
2025-07-15T20:26:39.182+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 10ms
2025-07-15T20:27:38.783+05:30 INFO 27488 --- [hresholdUpdater] c.n.e.r.PeerAwareInstanceRegistryImpl : Current renewal threshold is : 1
2025-07-15T20:27:39.182+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 0ms
2025-07-15T20:28:39.192+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 10ms
2025-07-15T20:29:39.198+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 5ms
2025-07-15T20:30:39.198+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 0ms
2025-07-15T20:31:39.209+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 11ms
2025-07-15T20:32:39.209+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 0ms
2025-07-15T20:33:39.209+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 0ms
2025-07-15T20:34:39.211+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 1ms
2025-07-15T20:35:39.211+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 0ms
2025-07-15T20:36:39.219+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 7ms
2025-07-15T20:37:39.228+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 9ms
2025-07-15T20:38:32.761+05:30 INFO 27488 --- [nio-8761-exec-1] c.n.e.registry.AbstractInstanceRegistry : Registered instance API-GATEWAY/sowbi:api-gateway:8080 with st
2025-07-15T20:38:33.374+05:30 INFO 27488 --- [nio-8761-exec-3] c.n.e.registry.AbstractInstanceRegistry : Registered instance API-GATEWAY/sowbi:api-gateway:8080 with st
2025-07-15T20:38:39.229+05:30 INFO 27488 --- [a-EvictionTimer] c.n.e.registry.AbstractInstanceRegistry : Running the evict task with compensationTime 0ms
```