

Name:Skanda Prasad K S

USN:1DT20IS093

SPRINGS FINAL ASSESSMENT SCREEN SHOTS OF OUTPUTS BATCH-01

Service registry:

The screenshot shows the Eclipse IDE with the `EmployeeServiceApplication.java` file open. The code is a Spring Boot application that registers itself with Eureka. The console output shows the application starting successfully and registering with Eureka.

```
1 package com.infosys;
2
3 import org.springframework.boot.SpringApplication;
4
5 @SpringBootApplication
6 @EnableDiscoveryClient
7 @EnableFeignClients
8 public class EmployeeServiceApplication {
9     public static void main(String[] args) {
10         SpringApplication.run(EmployeeServiceApplication.class, args);
11     }
12 }
```

The console output shows the application starting successfully and registering with Eureka. The output includes the following lines:

```
2023-12-24T18:30:21.880+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ restartedMain] [ o.s.b.a.e.web.EndpointLinksResolver
2023-12-24T18:30:22.015+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ restartedMain] [ o.s.c.n.e.s.EurekaServiceRegistry
2023-12-24T18:30:22.034+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ Thread-15] [ o.s.c.n.e.server.EurekaServerBootstr
2023-12-24T18:30:22.034+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ Thread-15] [ o.s.c.n.e.server.EurekaServerBootstr
2023-12-24T18:30:22.034+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ Thread-15] [ c.n.e.r.PeerAwareInstanceRegistryIm
2023-12-24T18:30:22.035+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ Thread-15] [ c.n.e.r.PeerAwareInstanceRegistryIm
2023-12-24T18:30:22.035+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ Thread-15] [ c.n.e.r.PeerAwareInstanceRegistryIm
2023-12-24T18:30:22.043+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ Thread-15] [ e.s.EurekaServerInitializerConfigur
2023-12-24T18:30:22.150+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ restartedMain] [ o.s.b.w.embedded.tomcat.TomcatWebSe
2023-12-24T18:30:22.152+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ restartedMain] [ .s.c.n.e.s.EurekaAutoServiceRegistr
2023-12-24T18:30:22.295+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ restartedMain] [ com.infosys.ServiceRegistryApplcat
2023-12-24T18:31:10.307+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ nio-8761-exec-1] [ o.a.c.c.C.[Tomcat].[localhost].[/]
2023-12-24T18:31:10.307+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ nio-8761-exec-1] [ o.s.web.servlet.DispatcherServlet
2023-12-24T18:31:10.310+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ nio-8761-exec-1] [ o.s.web.servlet.DispatcherServlet
2023-12-24T18:31:10.973+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ nio-8761-exec-2] [ 65882b9637f3dbc5983afeb8503134a0-983afeb8503134a0
2023-12-24T18:31:11.775+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ nio-8761-exec-3] [ 65882b9637f3dbc5983afeb8503134a0-983afeb8503134a0
2023-12-24T18:31:22.042+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ a-EvictionTimer] [ c.n.e.registry.AbstractInstanceRegi
2023-12-24T18:31:22.042+05:30 INFO 16284 --- [SERVICE-REGISTRY] [ a-EvictionTimer] [ c.n.e.registry.AbstractInstanceRegi
```

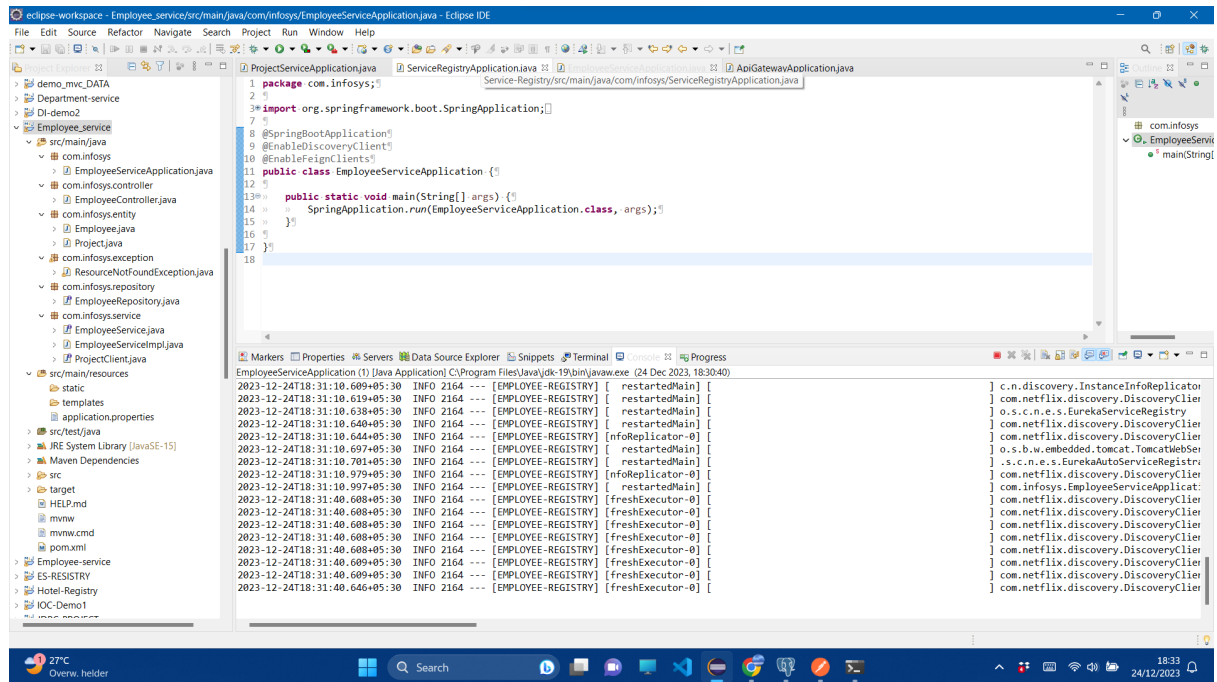
Eureka:

The screenshot shows the Eureka web interface. The top section displays the data center as 'default' and the uptime as '00:14'. Below this, there are several status indicators: 'Lease expiration enabled' is true, 'Renews threshold' is 6, and 'Renews (last min)' is 8. The 'DS Replicas' section shows 'localhost' as the only replica. The 'Instances currently registered with Eureka' section shows a table with three entries: 'API_GATEWAY', 'EMPLOYEE-REGISTRY', and 'PROJECR-REGISTRY'. The 'General Info' section shows the name 'total-avail-memory' with a value of '89mb' and the name 'num-of-cpus' with a value of '8'.

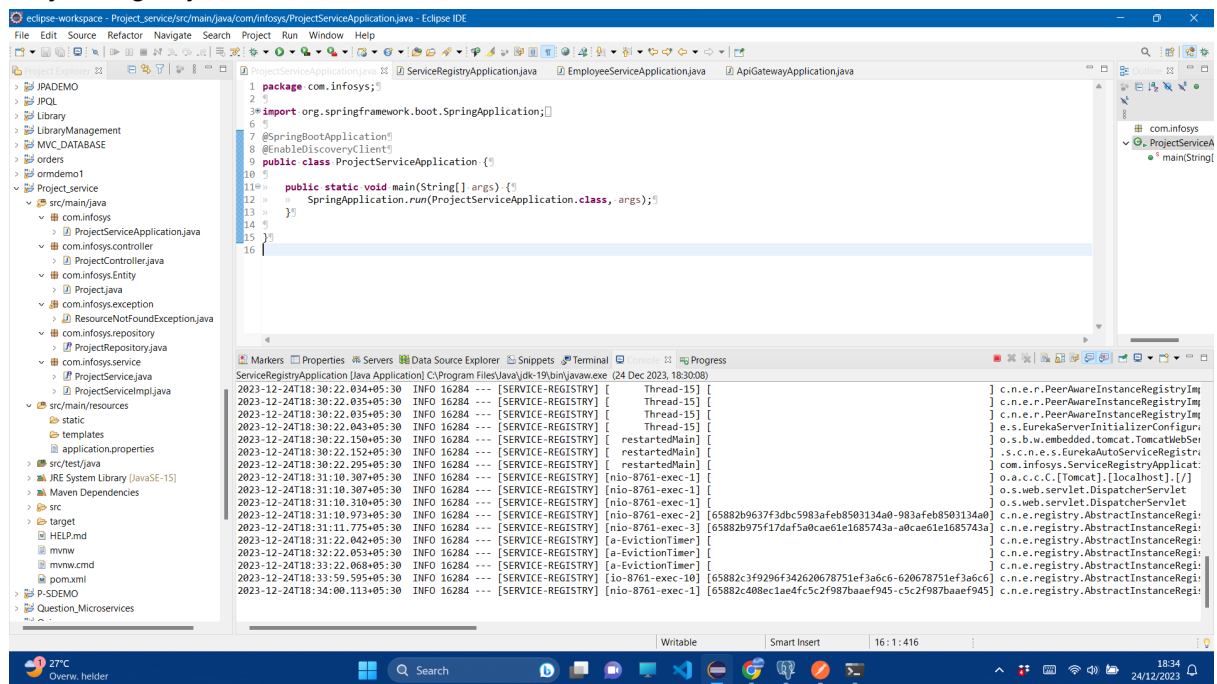
Application	AMIs	Availability Zones	Status
API_GATEWAY	n/a (1)	(1)	UP (1) - SKANDA:API_GATEWAY:8083
EMPLOYEE-REGISTRY	n/a (1)	(1)	UP (1) - SKANDA:EMPLOYEE-REGISTRY:8080
PROJECR-REGISTRY	n/a (1)	(1)	UP (1) - SKANDA:PROJECR-REGISTRY:8081

Name	Value
total-avail-memory	89mb
num-of-cpus	8

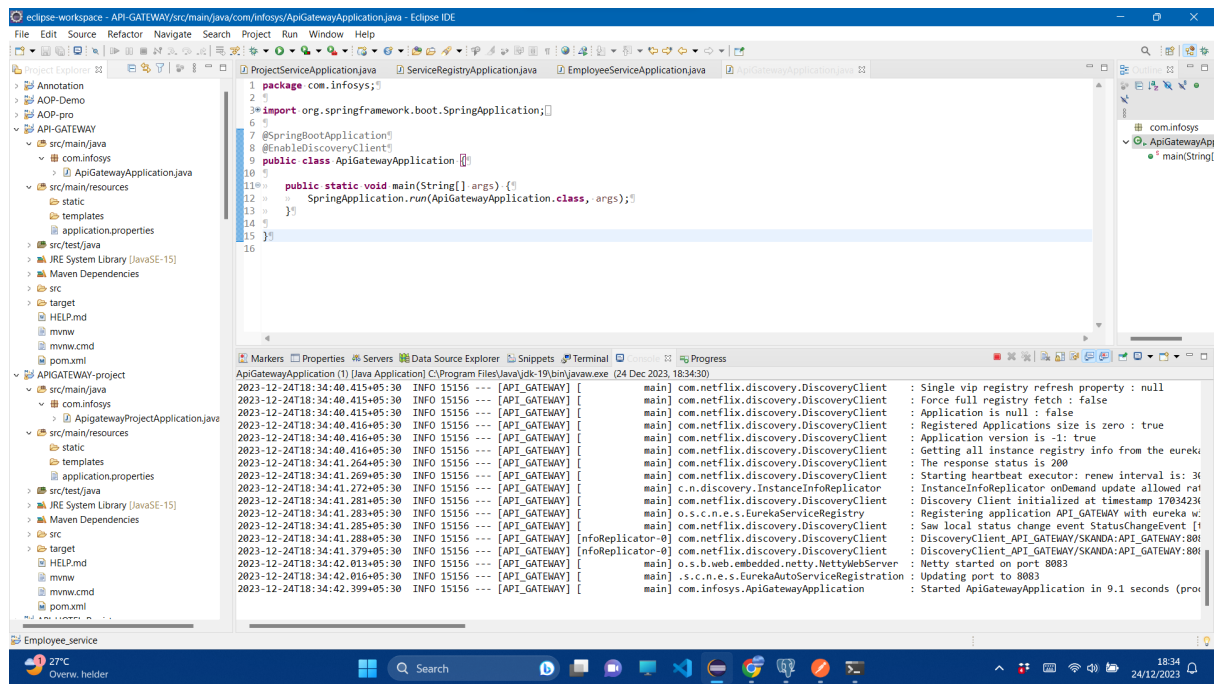
Employee registry:



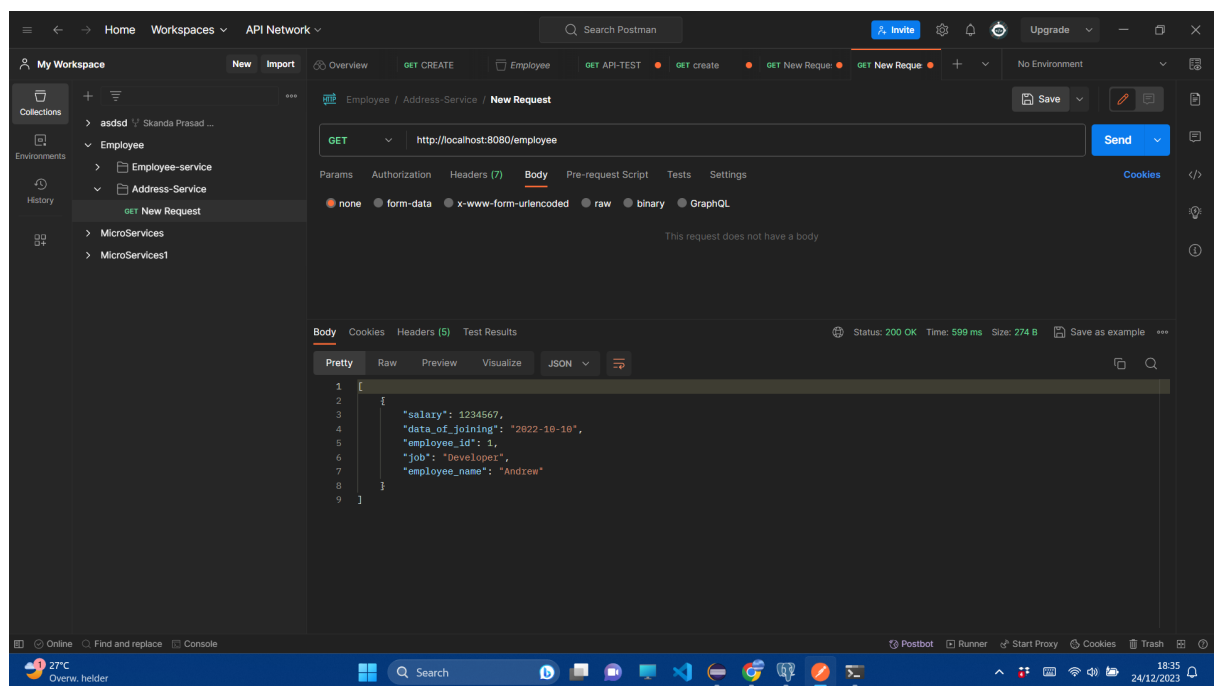
Project registry:

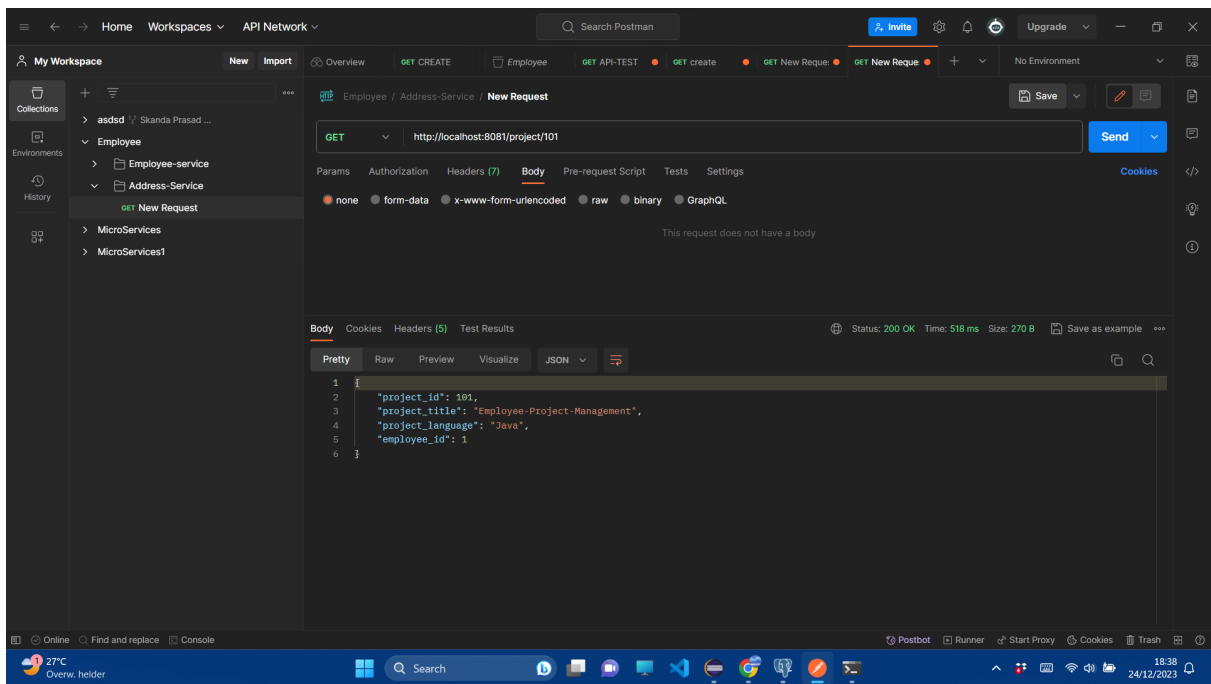
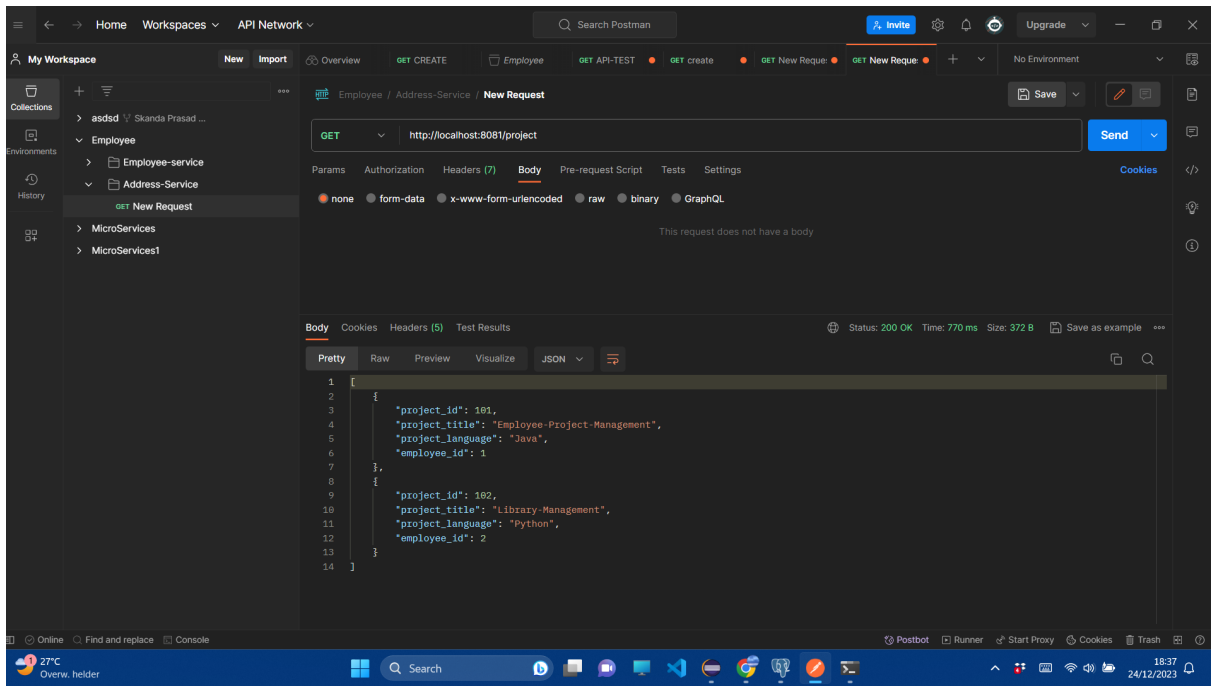


API gateway:

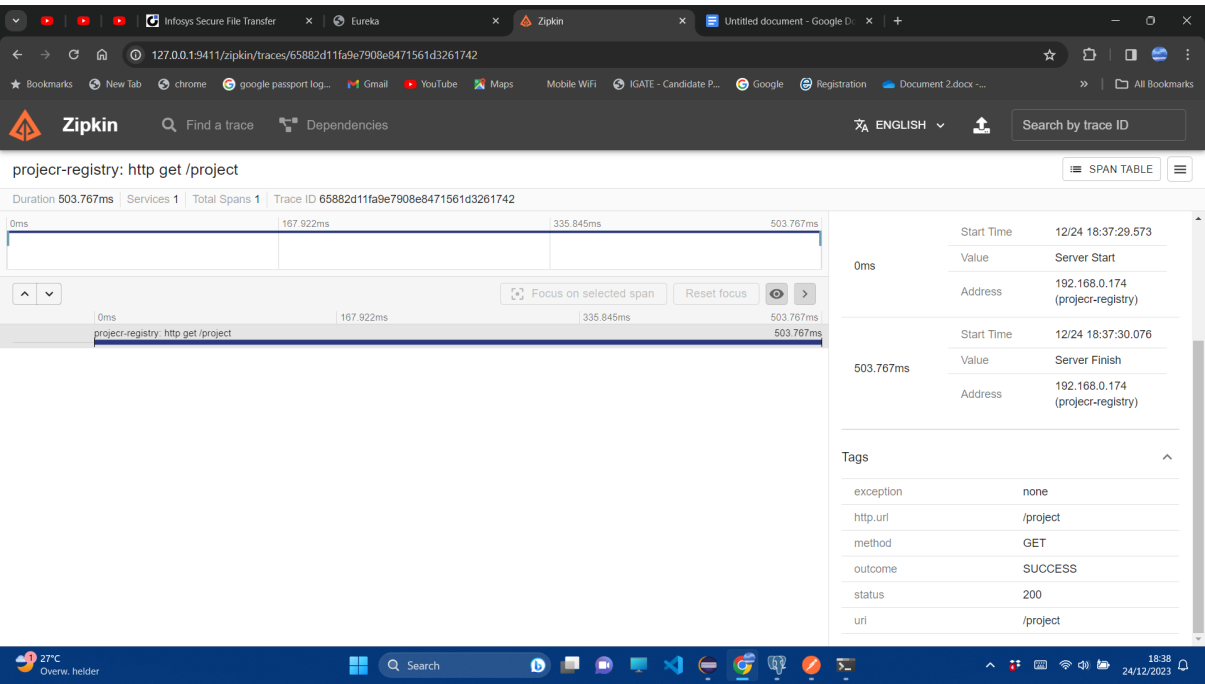
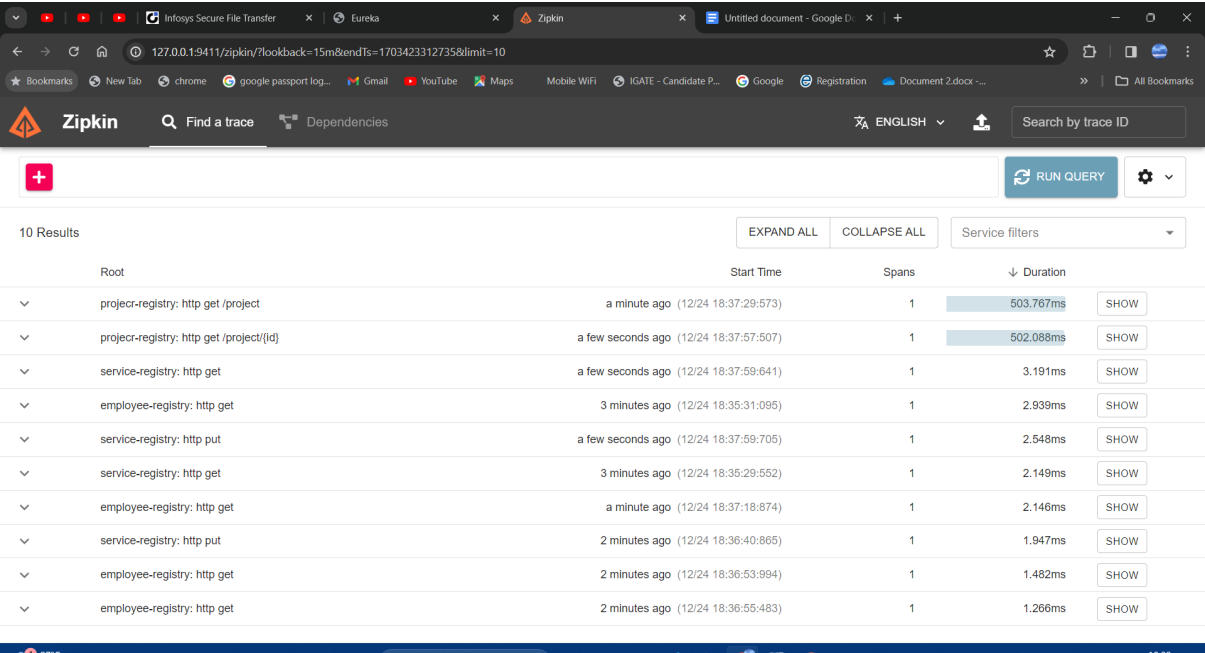


Postman:

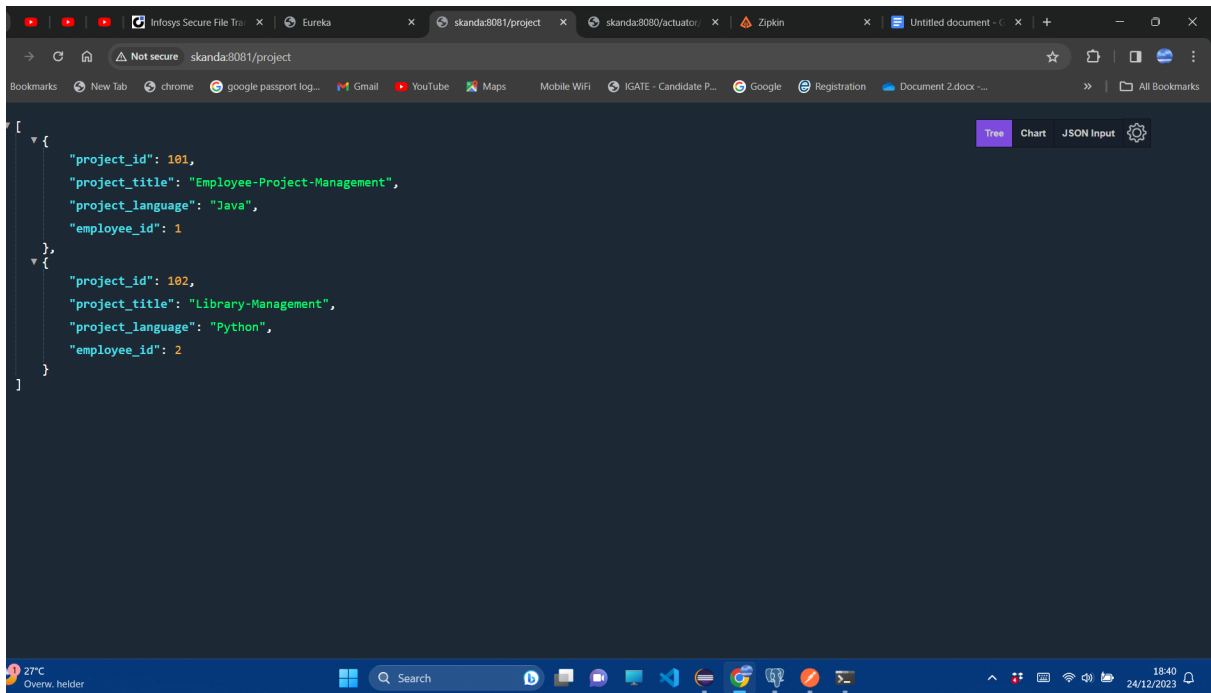
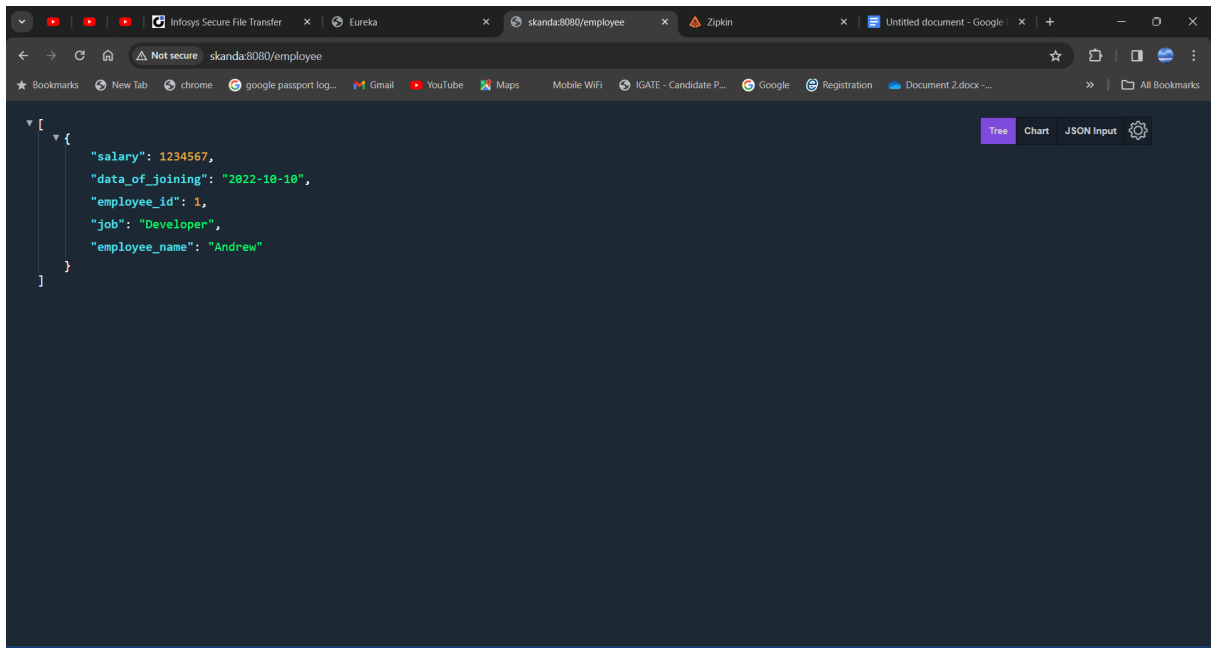




Zipkin:



Eureka



Browser window showing a REST client interface. The URL bar indicates the endpoint is `skanda:8083/employee`. The response is a JSON array containing one object:

```
[{"salary": 1234567, "data_of_joining": "2022-10-10", "employee_id": 1, "job": "Developer", "employee_name": "Andrew"}]
```

The interface includes tabs for Tree, Chart, and JSON Input. The Windows taskbar at the bottom shows the system clock as 18:40 on 24/12/2023.

Browser window showing a REST client interface. The URL bar indicates the endpoint is `localhost:8080/employee/project/1002`. The response is a JSON array containing one object:

```
[{"employee_id": 1002, "project_id": 102, "project_title": "Library-Management", "project_language": "Python"}]
```

The interface includes tabs for Tree, Chart, and JSON Input.