

Java Full Stack Development

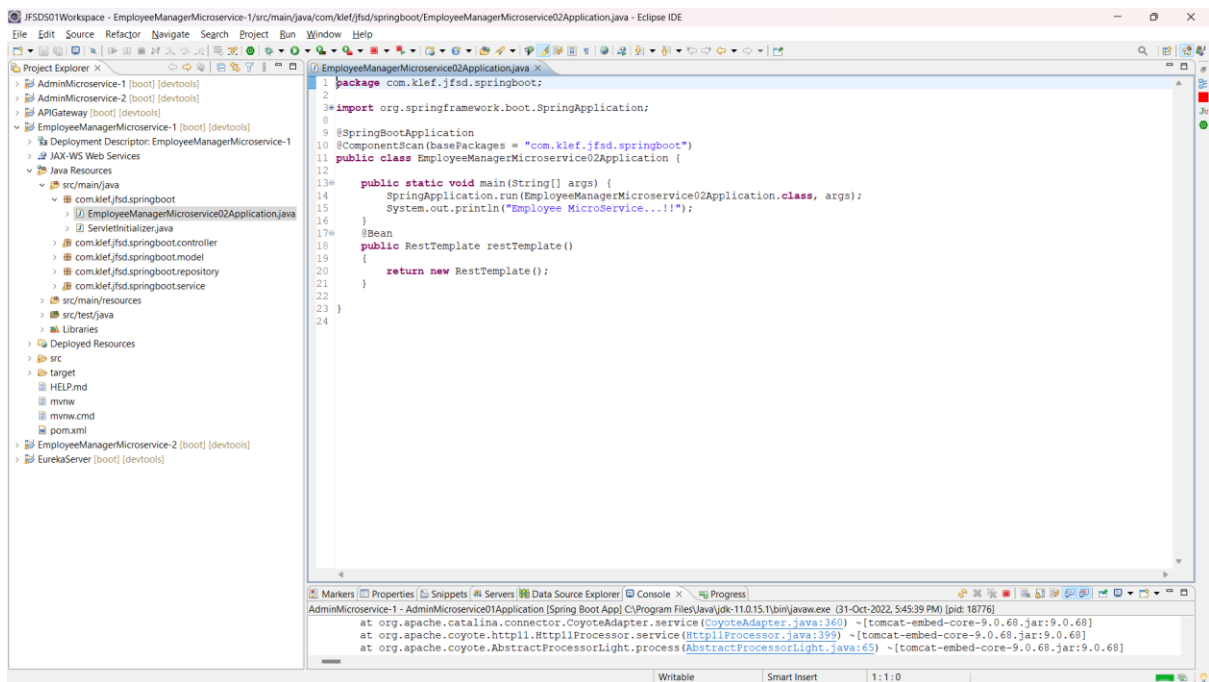
LAB-10

ID.No:2000030185

Name:Suprith Ch

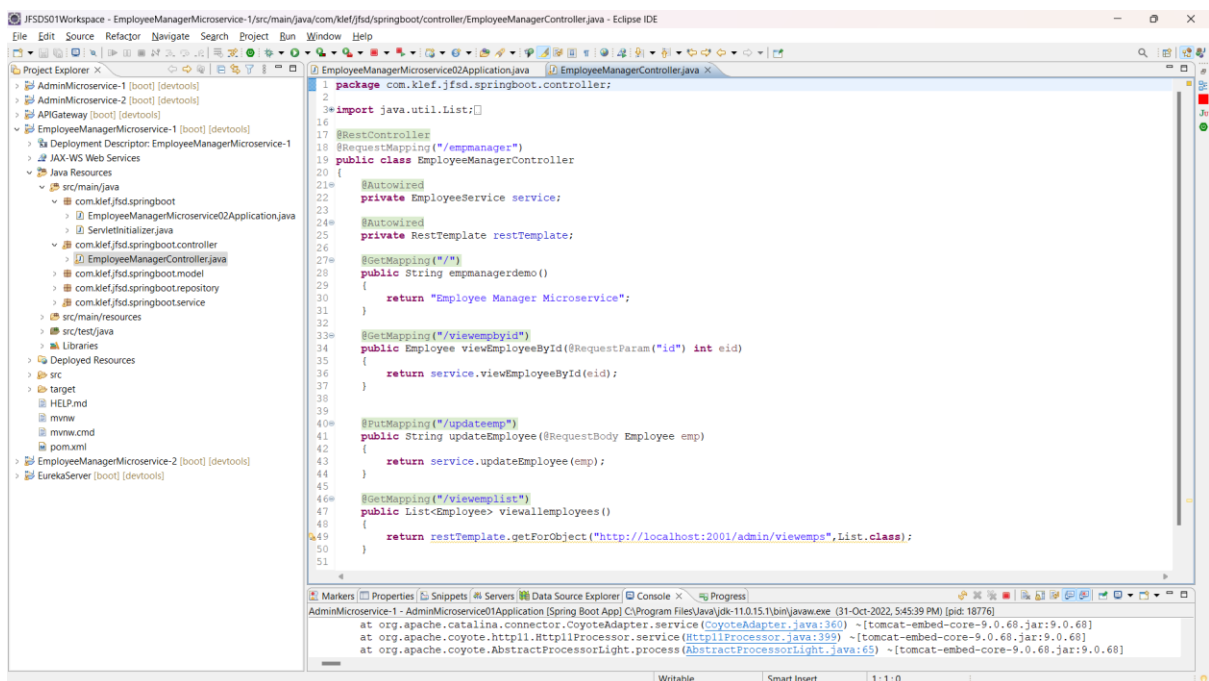
EmployeeMicroService

EmployeeManagerMicroservice02Application.java



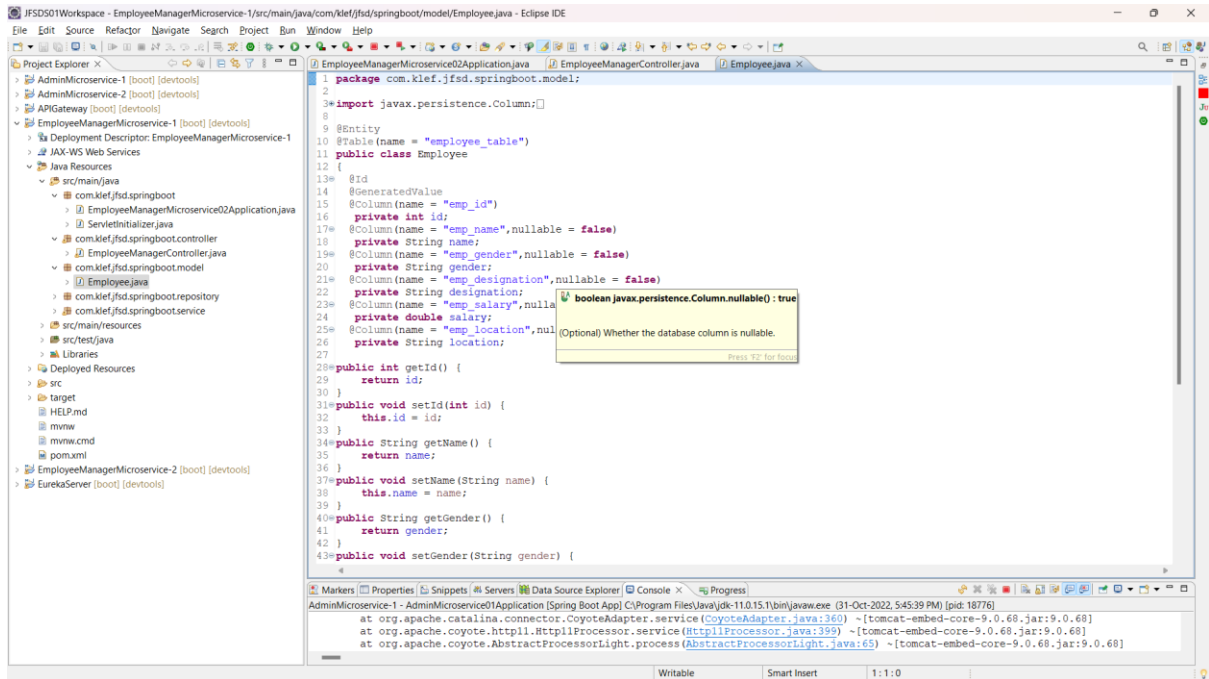
```
1 package com.klef.jfsd.springboot;
2
3 import org.springframework.boot.SpringApplication;
4
5 @SpringBootApplication
6 @ComponentScan(basePackages = "com.klef.jfsd.springboot")
7 public class EmployeeManagerMicroservice02Application {
8
9     public static void main(String[] args) {
10         SpringApplication.run(EmployeeManagerMicroservice02Application.class, args);
11         System.out.println("Employee MicroService...!!");
12     }
13
14     @Bean
15     public RestTemplate restTemplate()
16     {
17         return new RestTemplate();
18     }
19 }
20
21
22
23
24
```

EmployeeManagerController.java

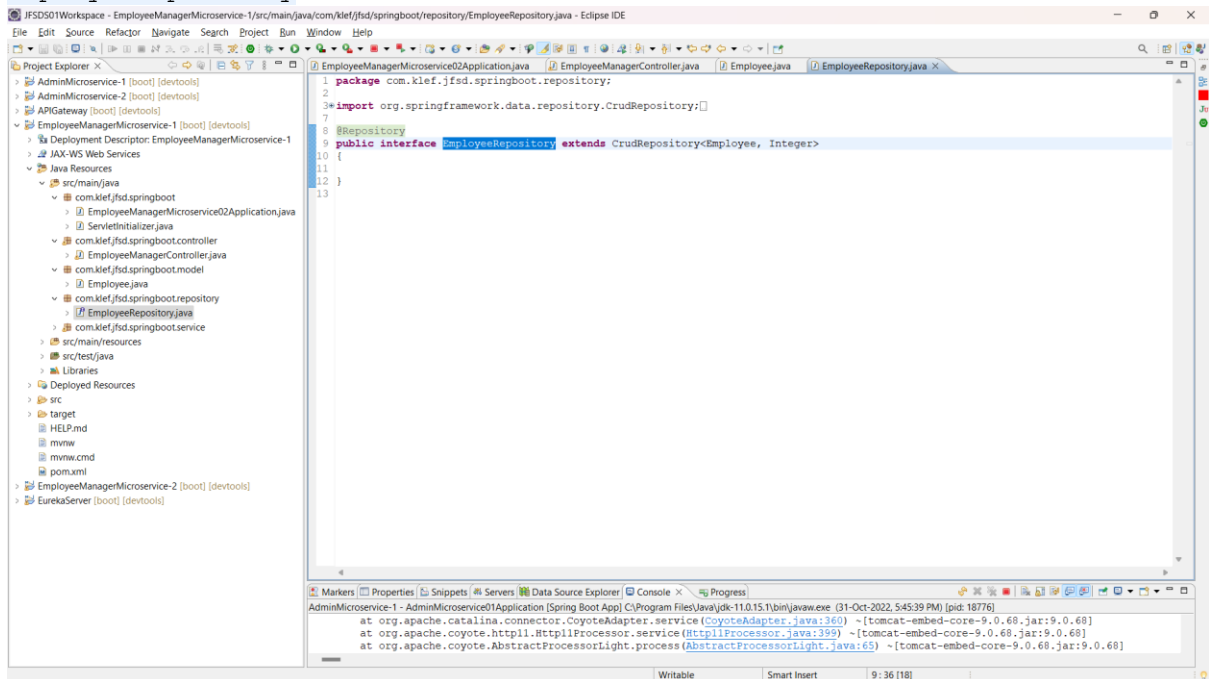


```
1 package com.klef.jfsd.springboot.controller;
2
3 import java.util.List;
4
5 @RestController
6 @RequestMapping("/empmanager")
7 public class EmployeeManagerController
8 {
9     @Autowired
10     private EmployeeService service;
11
12     @Autowired
13     private RestTemplate restTemplate;
14
15     @GetMapping("/")
16     public String empmanagerdemo()
17     {
18         return "Employee Manager Microservice";
19     }
20
21     @GetMapping("/viewempbyid")
22     public Employee viewEmployeeById(@RequestParam("id") int eid)
23     {
24         return service.viewEmployeeById(eid);
25     }
26
27     @PutMapping("/updateemp")
28     public String updateEmployee(@RequestBody Employee emp)
29     {
30         return service.updateEmployee(emp);
31     }
32
33     @GetMapping("/viewemplist")
34     public List<Employee> viewallemployees()
35     {
36         return restTemplate.getForObject("http://localhost:2001/admin/viewemps", List.class);
37     }
38 }
39
40
41
42
43
44
45
46
47
48
49
50
51
```

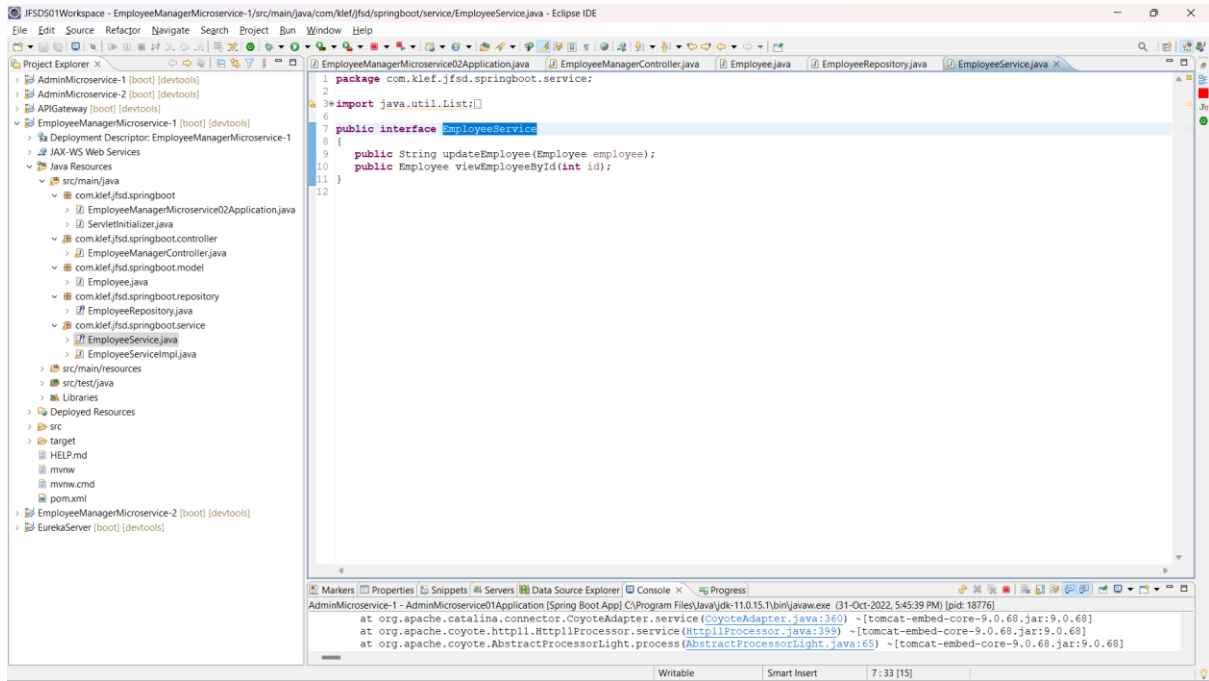
Employee.java



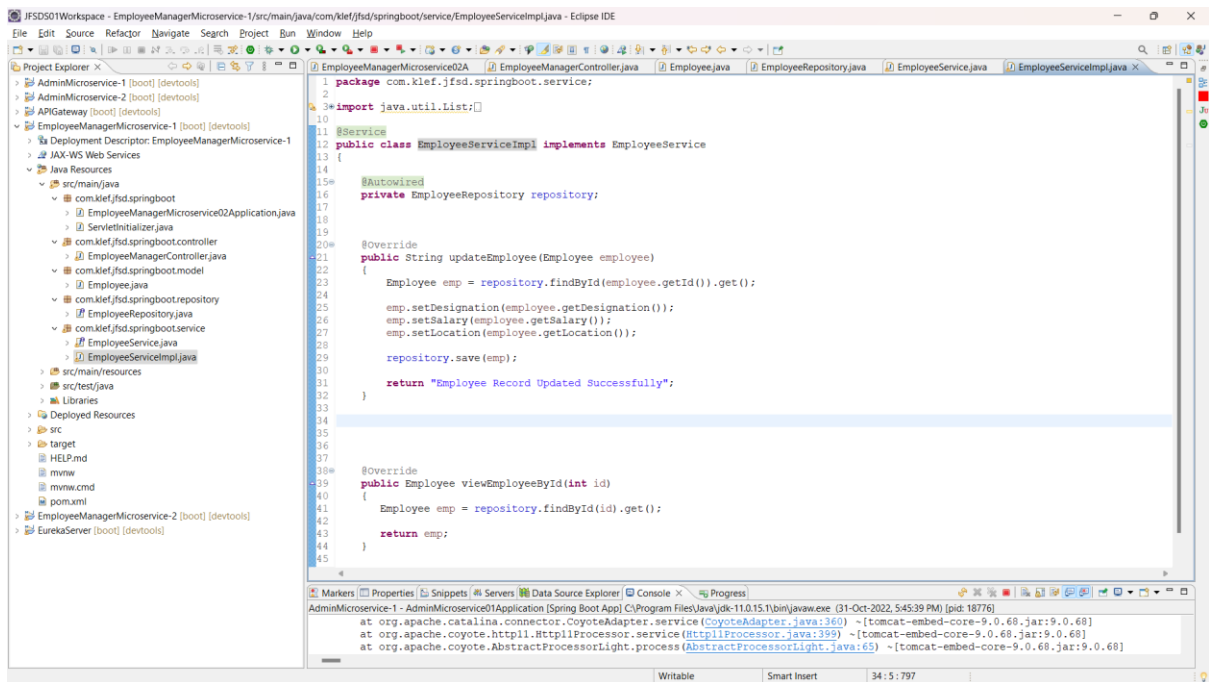
EmployeeRepository



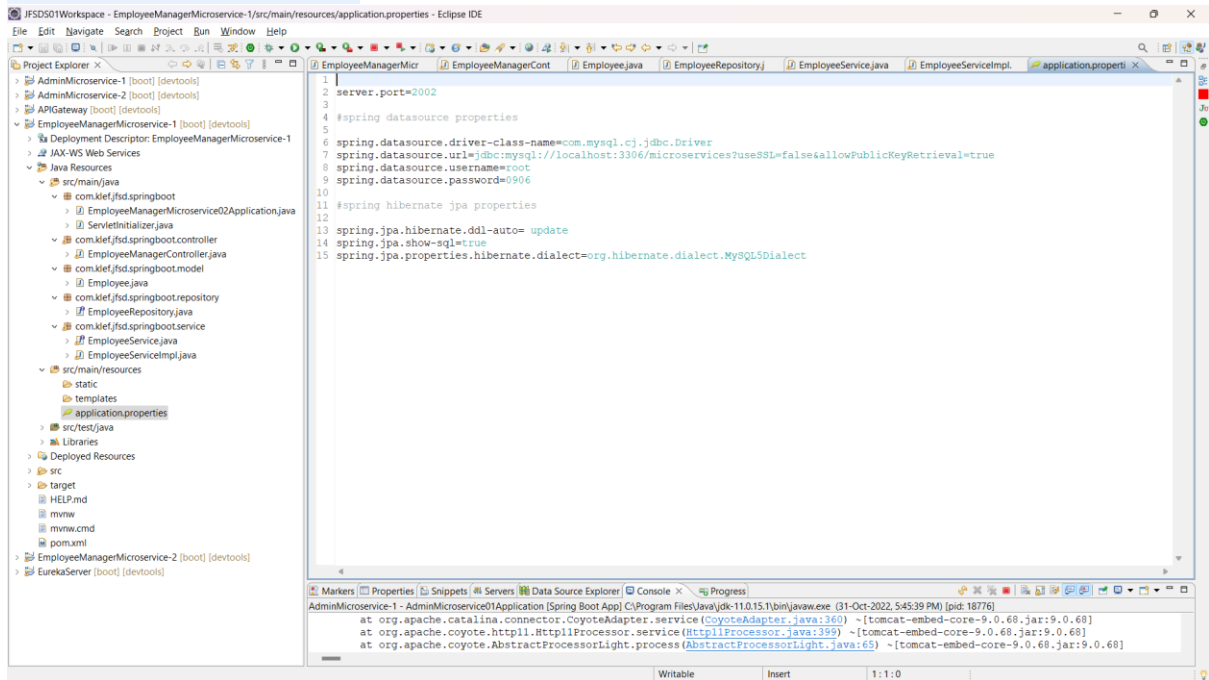
EmployeeService.java



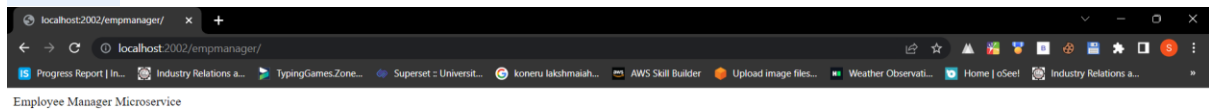
EmployeeServiceImpl



Application.properties



OUTPUT:



HomeWorkspacesAPI NetworkExplore

Search Postman

Invite

Upgrade

My Workspace

NewImport

OverviewGET http://localhost:2002/e

No Environment

Collections

My first collection

- First folder inside collection
- Second folder inside collection

Create a collection for your requests

A collection lets you group related requests and easily set common authorization, tests, scripts, and variables for all requests in it.

Create collection

http://localhost:2002/empmanager/viewemplist

GET

ParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQL

This request does not have a body

Status: 200 OKTime: 50 msSize: 606 BSave Response

BodyCookiesHeaders (5)Test Results

PrettyRawPreviewVisualizeJSON

```
1 {
2   "id": 4,
3   "name": "Phalguni Pradhan",
4   "gender": "FEMALE",
5   "designation": "CEO",
6   "salary": 99999.9,
7   "location": "Delhi"
8 },
9 {
10  "id": 5,
11  "name": "Phalguni Pradhan",
12  "gender": "FEMALE",
13  "designation": "CEO",
14  "salary": 99999.9,
15  "location": "Delhi"
16 },
17 {
18  "id": 6,
19  "name": "Ch Suprith",
20  "gender": "MALE",
21  "designation": "Manager",
22  "salary": 76489.55,
23  "location": "Hyderabad"
24 },
25 }
```

OnlineFind and ReplaceConsoleCookiesCapture requestsBootcampRunnerTrash

HomeWorkspacesAPI NetworkExplore

Search Postman

Invite

Upgrade

My Workspace

NewImport

OverviewPUT http://localhost:2002/e

No Environment

Collections

My first collection

- First folder inside collection
- Second folder inside collection

Create a collection for your requests

A collection lets you group related requests and easily set common authorization, tests, scripts, and variables for all requests in it.

Create collection

http://localhost:2002/empmanager/updateemp

PUT

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

Status: 200 OKTime: 59 msSize: 200 BSave Response

BodyCookiesHeaders (5)Test Results

PrettyRawPreviewVisualizeText

```
1 Employee Record Updated Successfully
```

OnlineFind and ReplaceConsoleCookiesCapture requestsBootcampRunnerTrash