

# Java Full Stack Development

## LAB-10

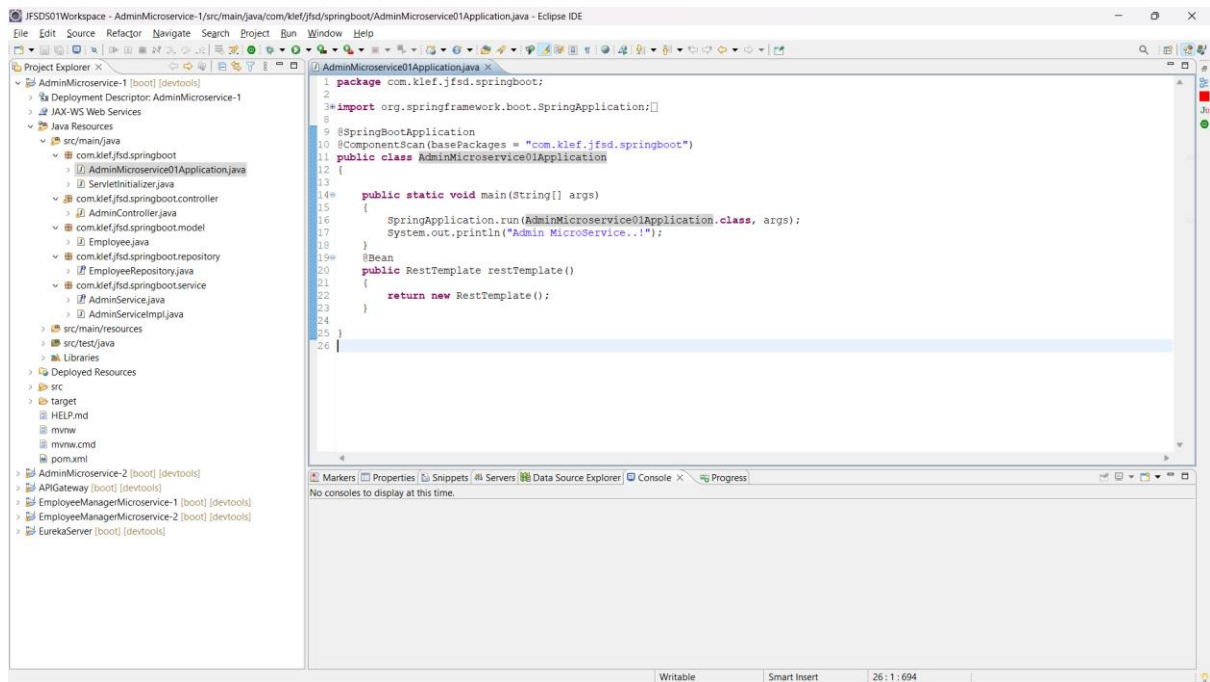
ID.No:2000030185

Name:Suprith Ch

AdminMicroService :

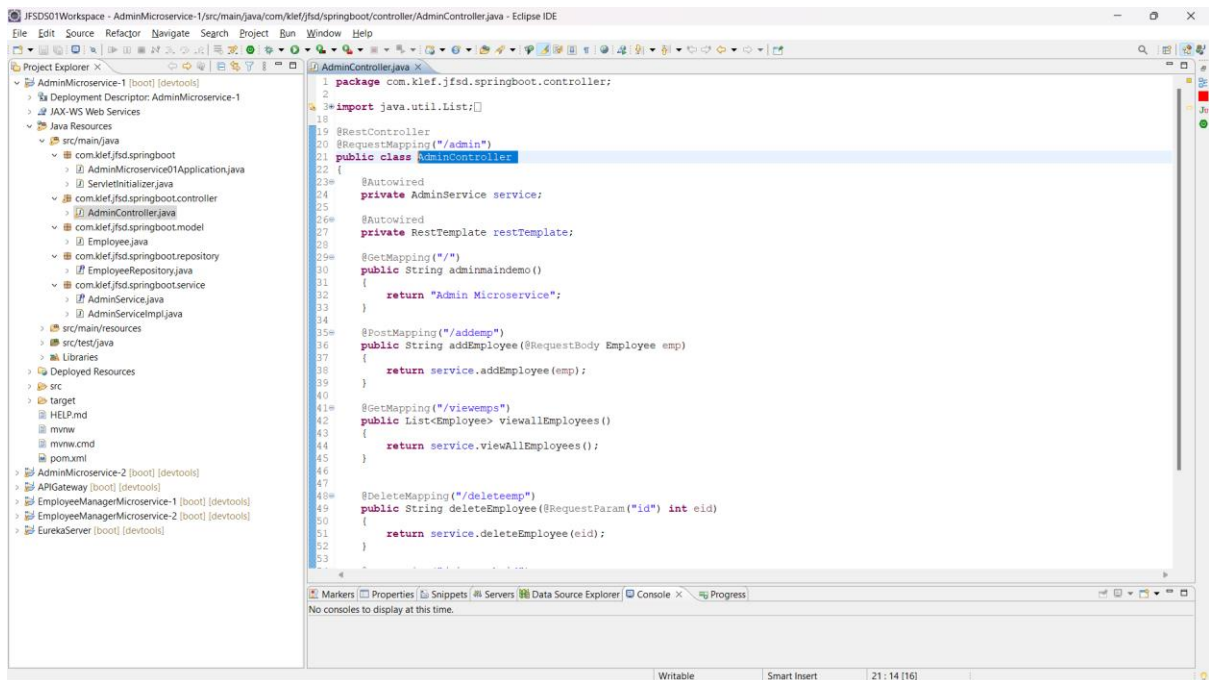
`package com.klef.jfsd.springboot`

`AdminMicroservice01Application.java`

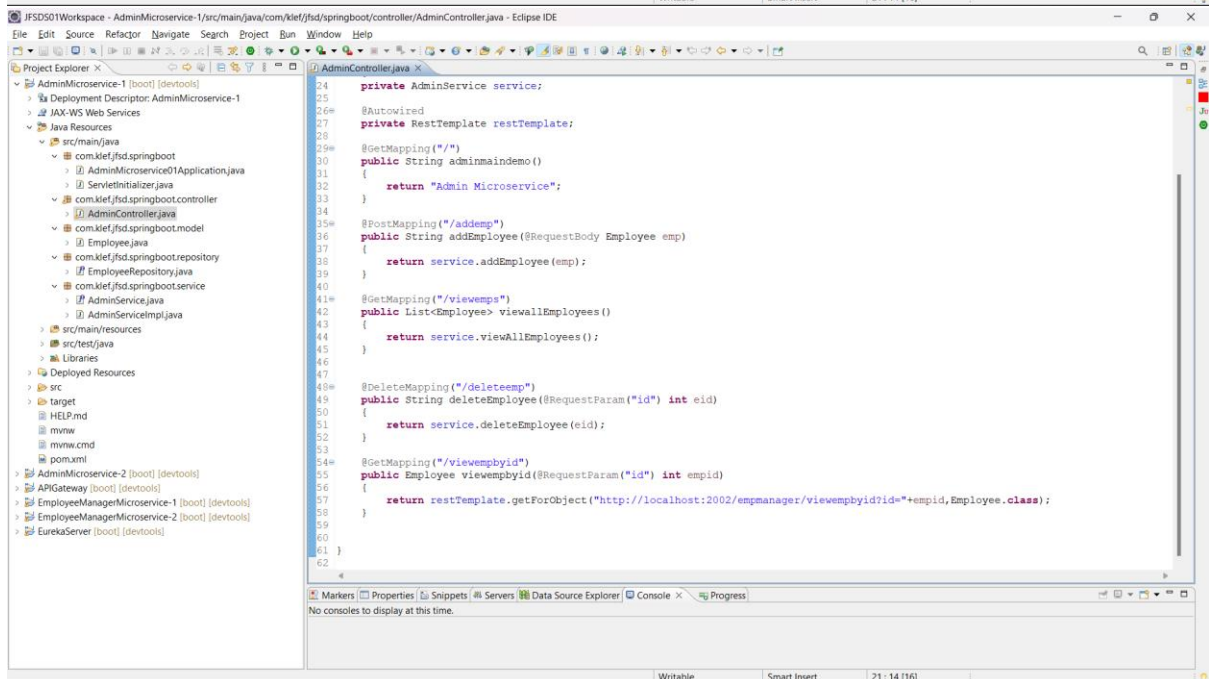


`com.klef.jfsd.springboot.controller`

`AdminController.java`



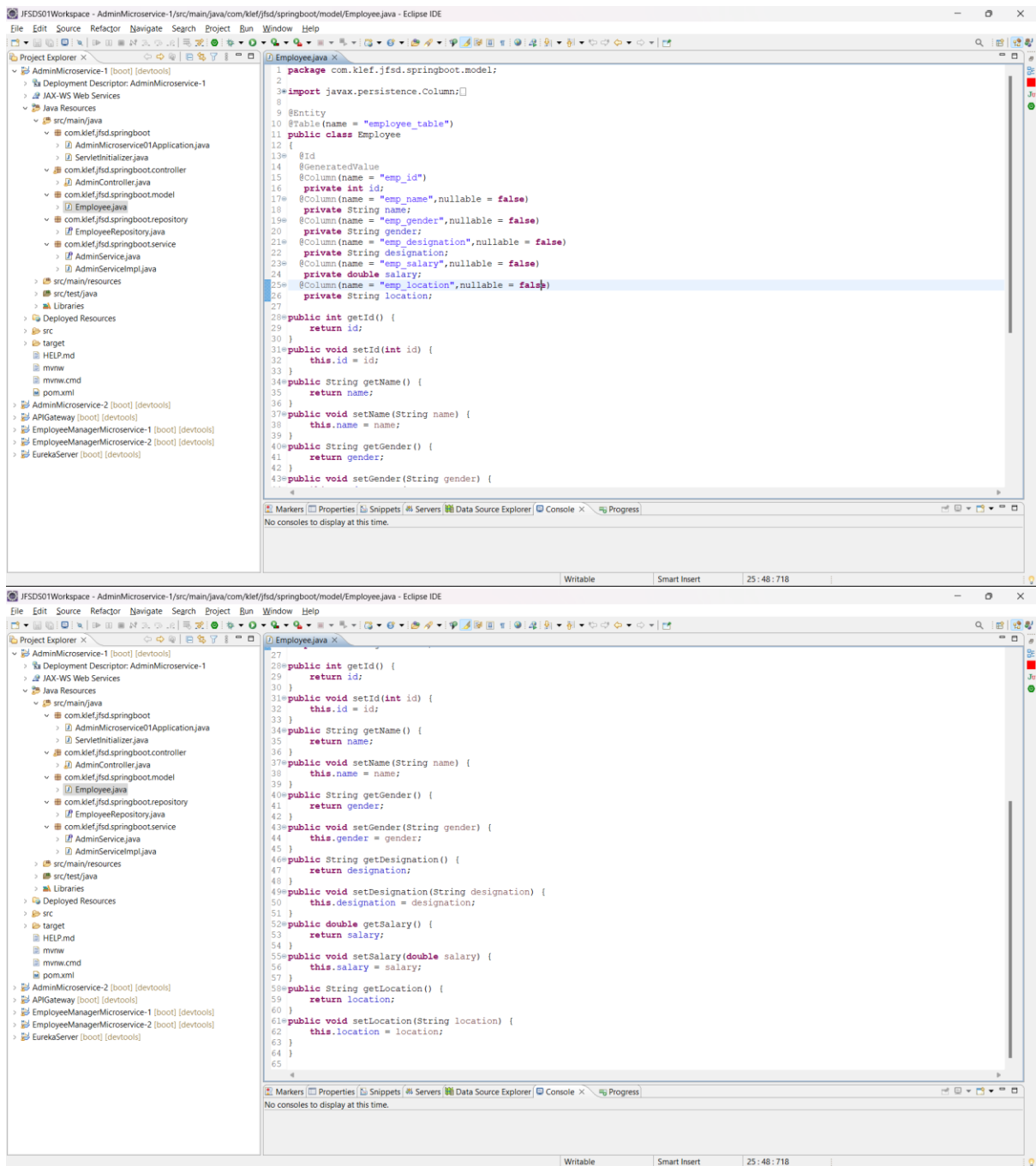
```
1 package com.klef.jfsd.springboot.controller;
2
3 import java.util.List;
4
5 @RestController
6 @RequestMapping("/admin")
7 public class AdminController {
8     {
9         @Autowired
10         private AdminService service;
11
12         @Autowired
13         private RestTemplate restTemplate;
14
15         @GetMapping("/")
16         public String adminmaindemo()
17         {
18             return "Admin Microservice";
19         }
20
21         @PostMapping("/addemp")
22         public String addEmployee(@RequestBody Employee emp)
23         {
24             return service.addEmployee(emp);
25         }
26
27         @GetMapping("/viewemps")
28         public List<Employee> viewallEmployees()
29         {
30             return service.viewAllEmployees();
31         }
32
33         @DeleteMapping("/deleteemp")
34         public String deleteEmployee(@RequestParam("id") int eid)
35         {
36             return service.deleteEmployee(eid);
37         }
38     }
39 }
```



```
24 private AdminService service;
25
26 @Autowired
27 private RestTemplate restTemplate;
28
29 @GetMapping("/")
30 public String adminmaindemo()
31 {
32     return "Admin Microservice";
33 }
34
35 @PostMapping("/addemp")
36 public String addEmployee(@RequestBody Employee emp)
37 {
38     return service.addEmployee(emp);
39 }
40
41 @GetMapping("/viewemps")
42 public List<Employee> viewallEmployees()
43 {
44     return service.viewAllEmployees();
45 }
46
47 @DeleteMapping("/deleteemp")
48 public String deleteEmployee(@RequestParam("id") int eid)
49 {
50     return service.deleteEmployee(eid);
51 }
52
53 @GetMapping("/viewempbyid")
54 public Employee viewempbyid(@RequestParam("id") int empid)
55 {
56     return restTemplate.getForObject("http://localhost:2002/empmanager/viewempbyid?id="+empid, Employee.class);
57 }
58
59
60
61
62 }
```

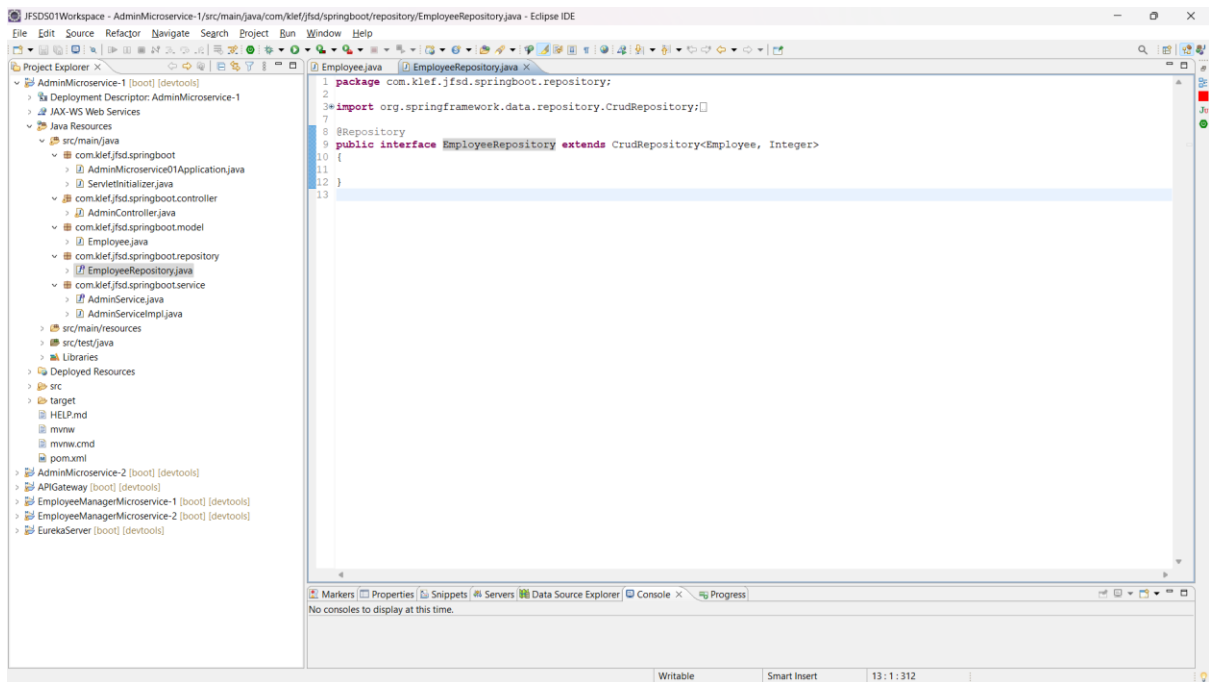
`package com.klef.jfsd.springboot.model`

`Employee.java`



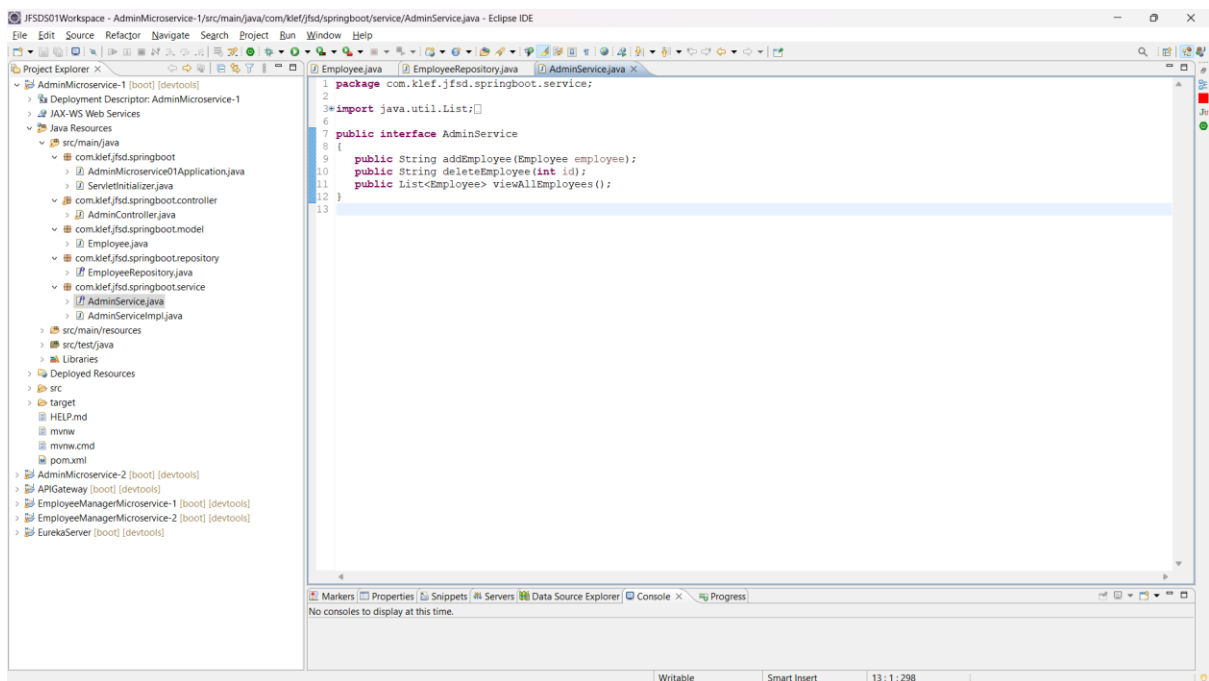
`package com.klef.jfsd.springboot.repository`

`EmployeeRepository.java`



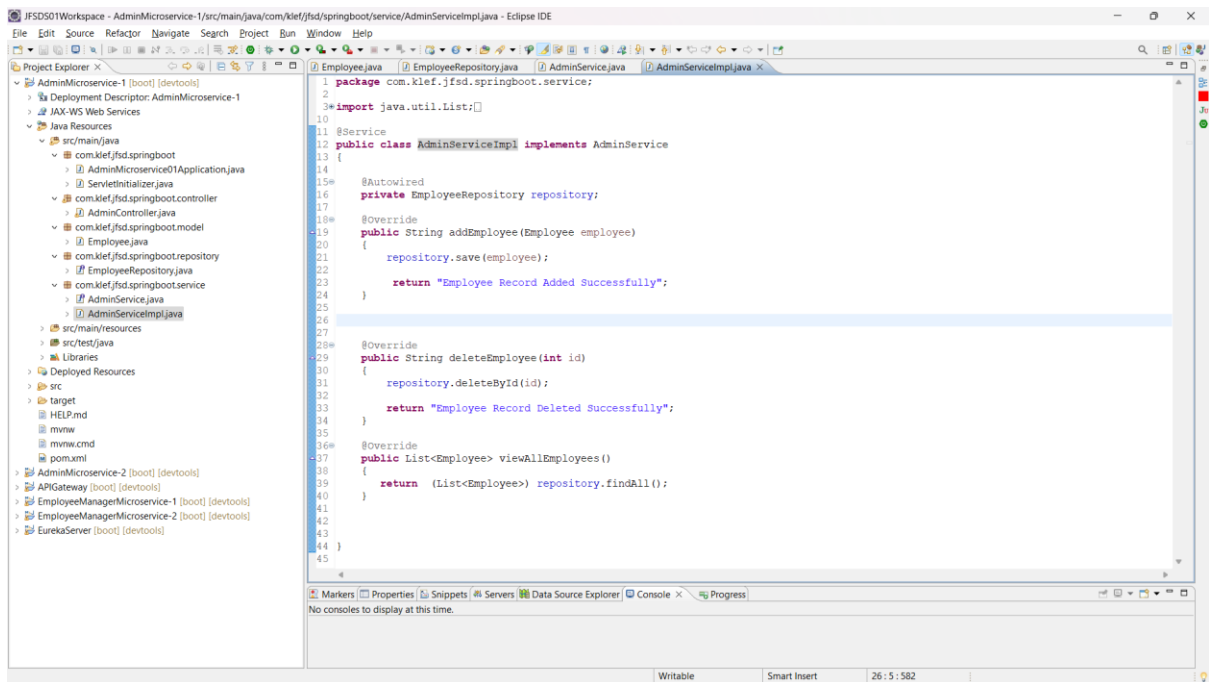
```
package com.klef.jfsd.springboot.service
```

```
AdminService.java
```

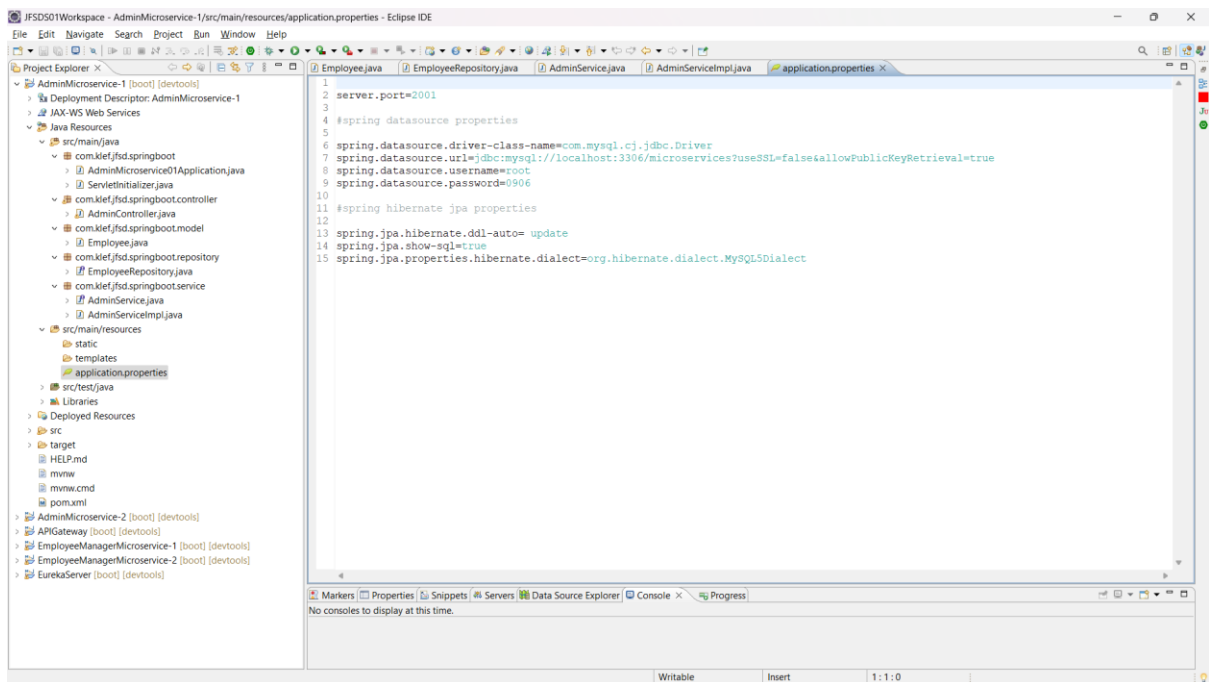


```
package com.klef.jfsd.springboot.service
```

```
AdminServiceImpl.java
```



## Application.properties



OUTPUT:

HomeWorkspacesAPI NetworkExplore

Search Postman

Invite

Upgrade

My Workspace

NewImport

Overview

POST localhost:2001/admin

No Environment

localhost:2001/admin/addemp

Save

Send

POSTlocalhost:2001/admin/addemp

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

```
1 {
2   "name": "Phalguni Pradhan",
3   "gender": "FEMALE",
4   "designation": "CEO",
5   "salary": 99999.99,
6   "location": "Delhi"
7 }
```

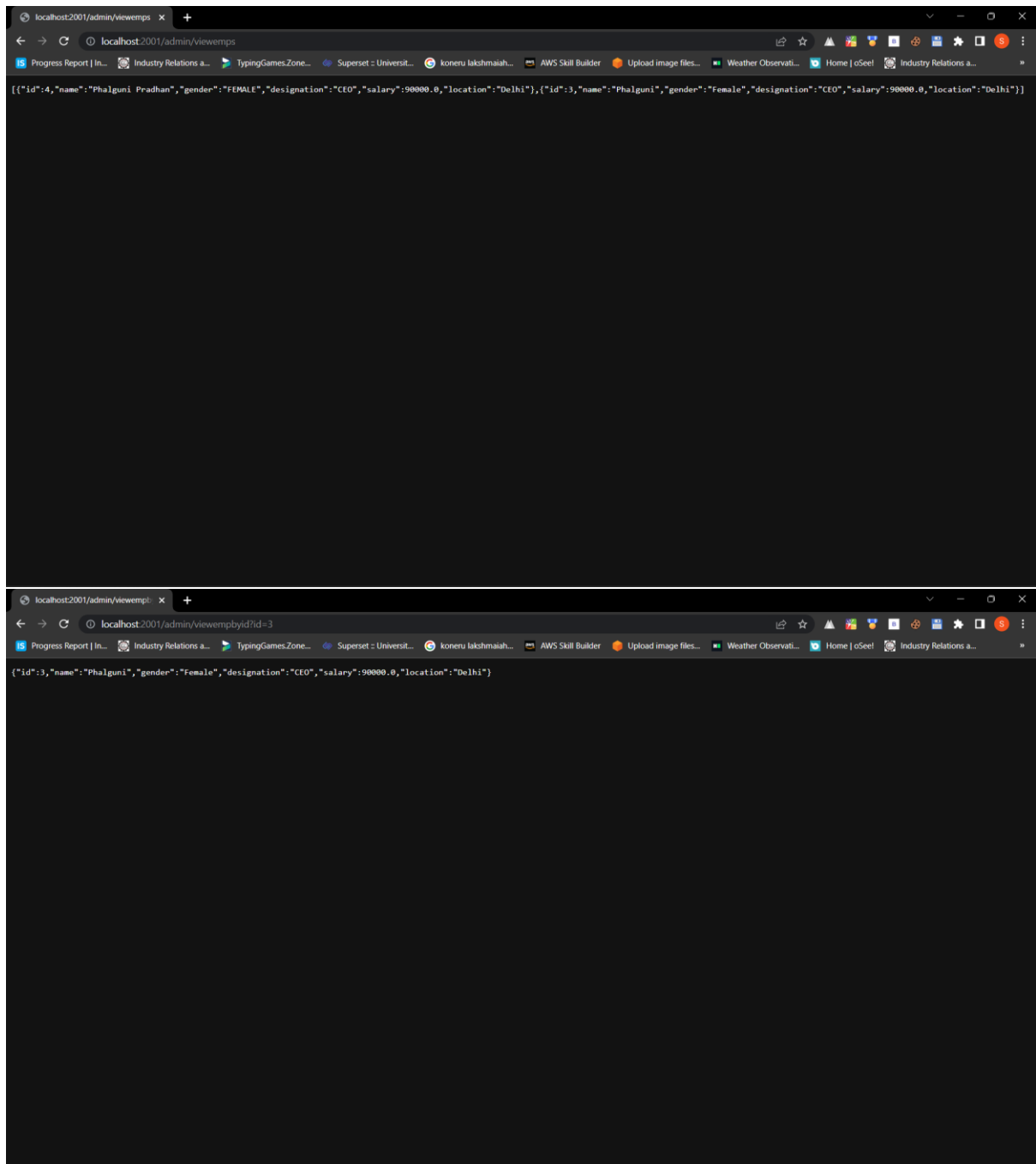
BodyCookiesHeaders (5)Test Results

Status: 200 OKTime: 160 msSize: 198 BSave Response

PrettyRawPreviewVisualizeText

1 Employee Record Added Successfully

OnlineFind and ReplaceConsoleCookiesCapture requestsBootcampRunnerTrash



HomeWorkspacesAPI NetworkExplore

Search Postman

InviteUpgrade

My WorkspaceNewImportOverviewDE1 localhost:2001/admin/localhost:2001/admin/deleteemp?id=3No Environment

Collections+Your collectionYour collectionAuthorizationTypeauth-keyCreate a collection for your requestsA collection lets you group related requests and easily set common authorization, tests, scripts, and variables for all requests in it.Create collection

localhost:2001/admin/deleteemp?id=3DELETElocalhost:2001/admin/deleteemp?id=3SendCookiesParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettingsnoneform-datax-www-form-urlencodedrawbinaryGraphQLThis request does not have a body

BodyCookiesHeaders (5)Test ResultsStatus: 200 OKTime: 30 msSize: 200 BSave ResponsePrettyRawPreviewVisualizeText1Employee Record Deleted Successfully

OnlineFind and ReplaceConsoleCookiesCapture requestsBootcampRunnerTrash