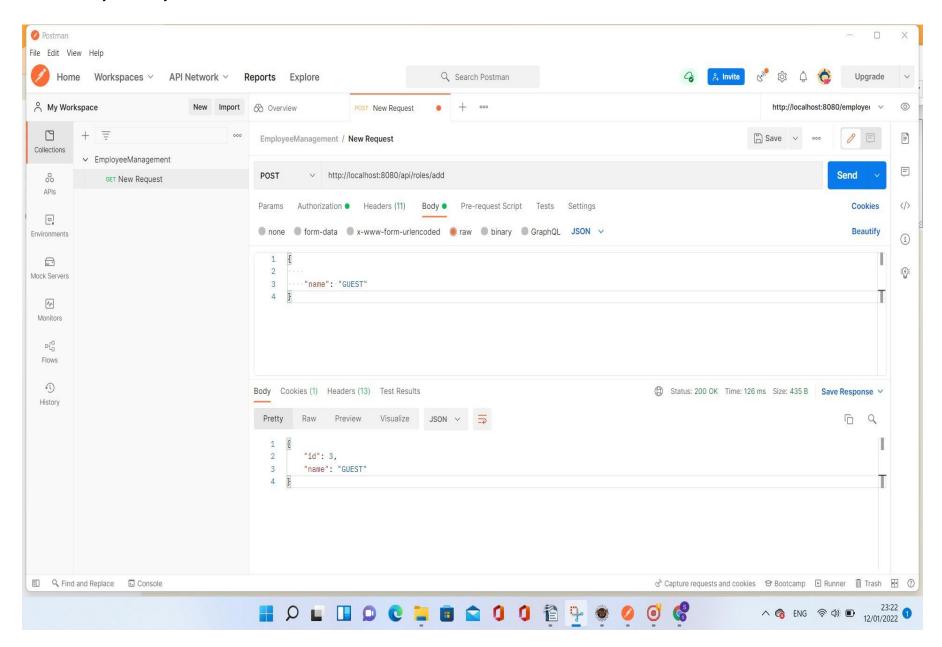
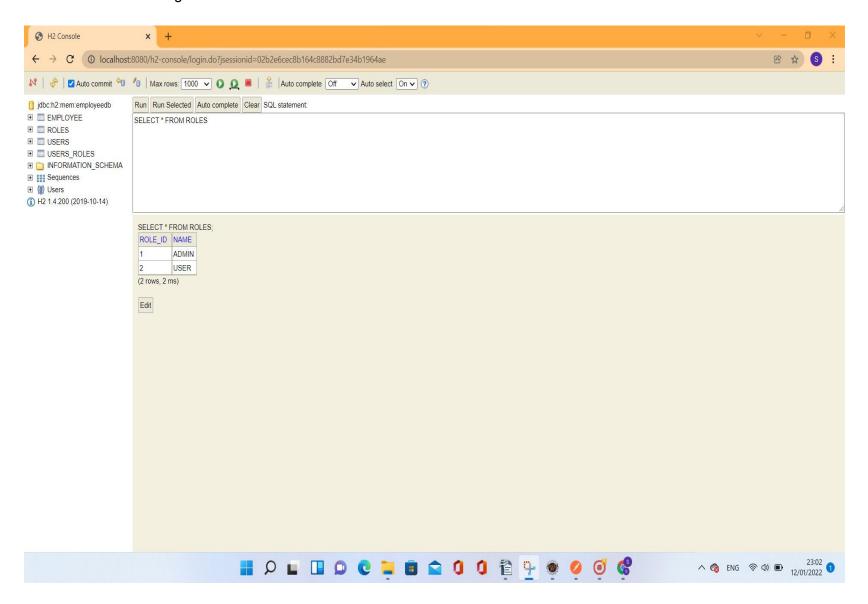
EMPLOYEE MANAGEMENT: REST API ASSIGNMENT 6 SOLUTION

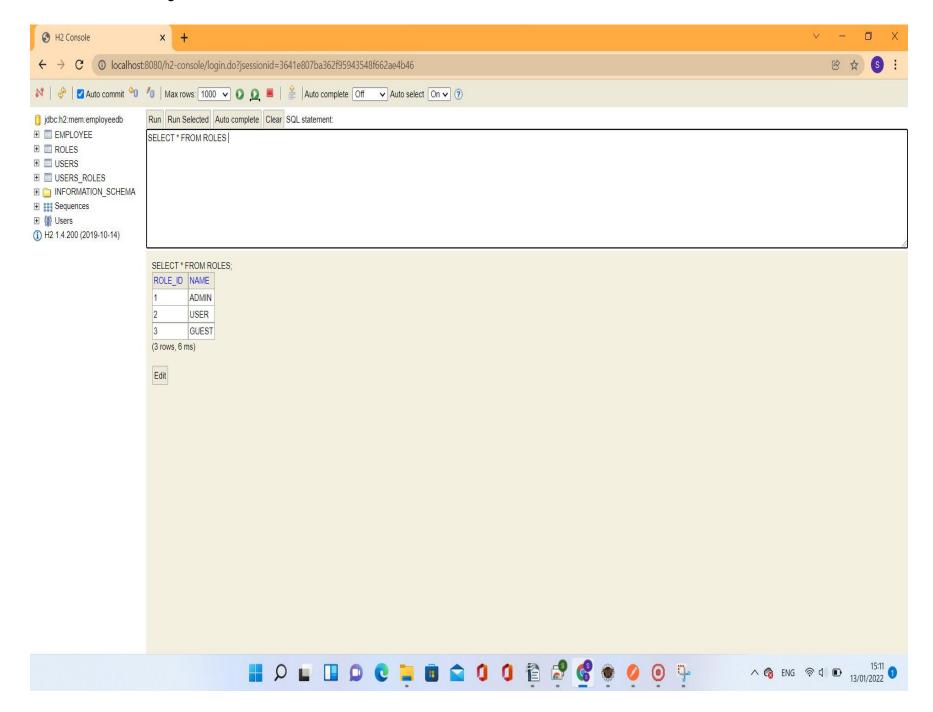
1. Add Roles Dynamically



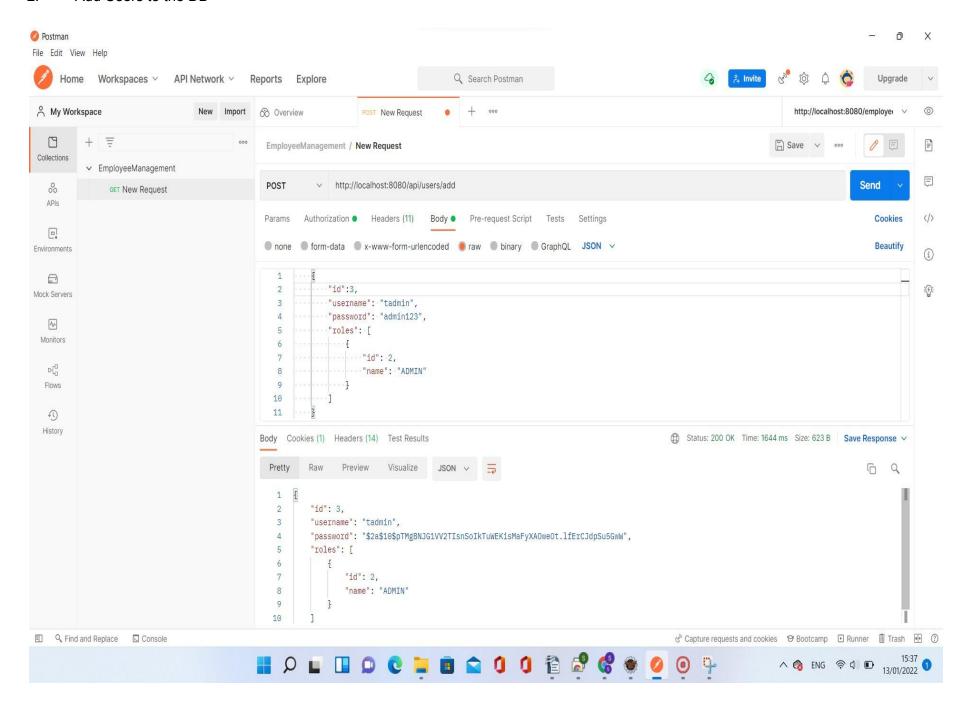
Roles List Before Adding



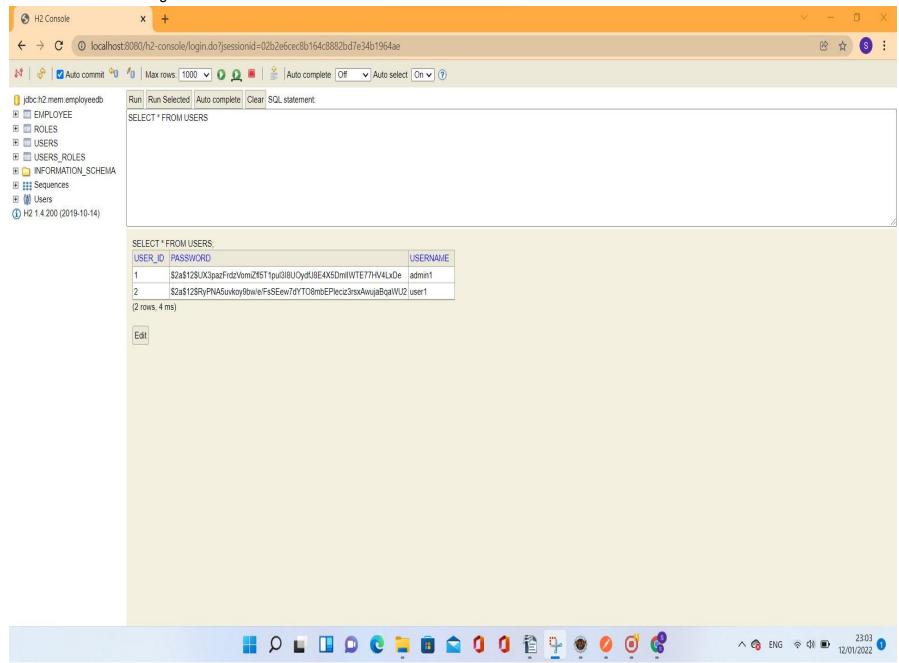
Roles List After Adding



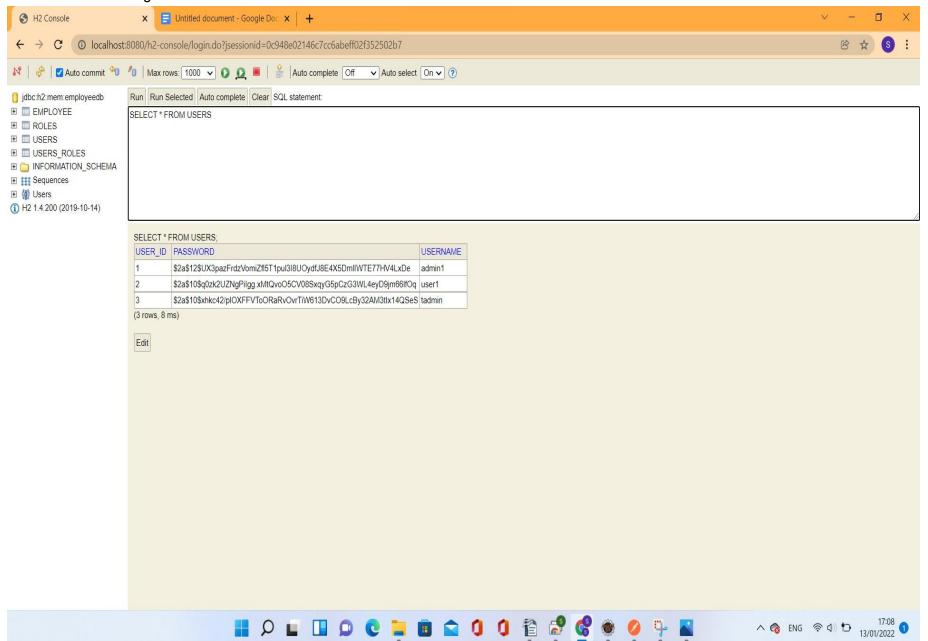
2. Add Users to the DB



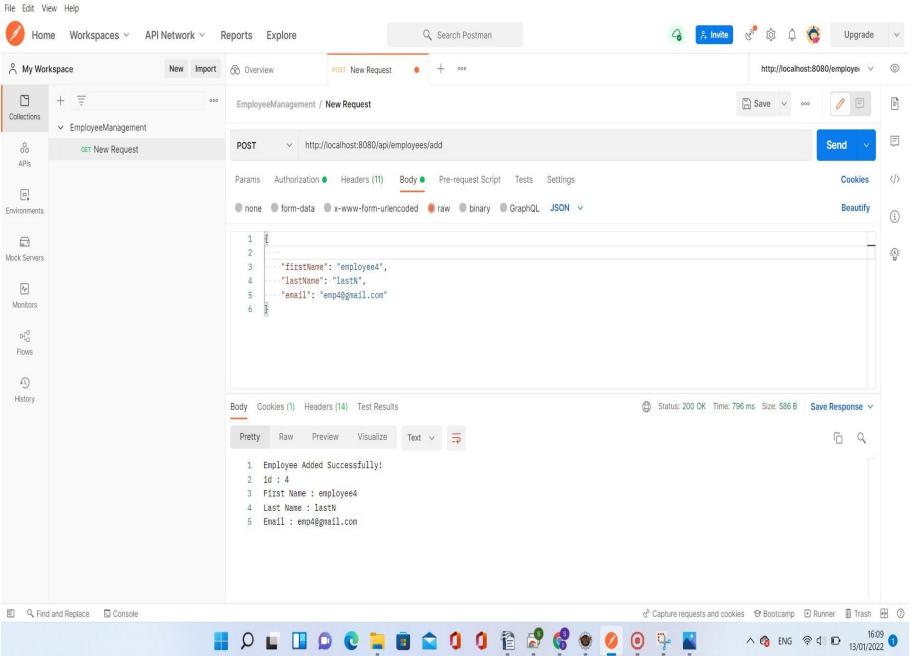
Users List Before adding tadmin



Users List after adding the tadmin



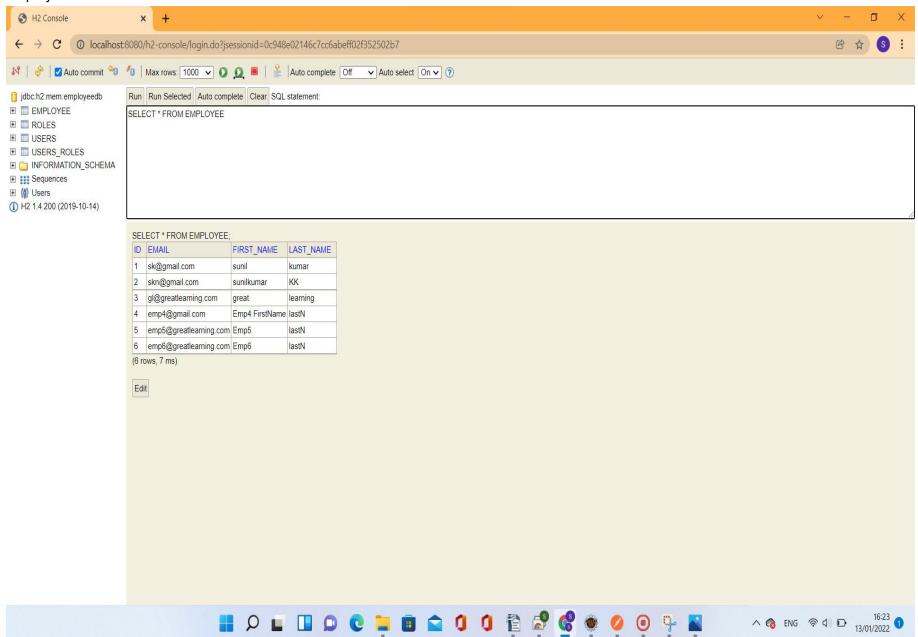
3. Add Employees Data Postman a X File Edit View Help Home Workspaces V API Network V Reports Explore Q Search Postman My Workspace 6 Overview POST New Request



4. **Employees List** Postman O X File Edit View Help Home Workspaces V API Network V Reports Explore Q Search Postman My Workspace New Import 6 Overview http://localhost:8080/employer **GET New Request** Save EmployeeManagement / New Request Collections ∨ EmployeeManagement E GET http://localhost:8080/api/employees/list Send 00 **GET New Request** APIs Authorization Headers (11) Body Pre-request Script Tests Settings Cookies (/> Environments (!) Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we (i) Type Basic Auth recommend using variables. Learn more about variables 7 The authorization header will be automatically :(3): Mock Servers generated when you send the request. Username Learn more about authorization 7 tadmin 1/4 Monitors Password admin123 HO Show Password Flows 1 History Status: 200 OK Time: 199 ms Size: 640 B Save Response V Body Cookies (1) Headers (13) Test Results Pretty Preview Visualize Q 1 2 3 "id": 1, "firstName": "sunil", 4 "lastName": "kumar", 5 "email": "sk@gmail.com" 6 8 9 "id": 2, 10 "firstName": "sunilkumar", □ Q Find and Replace □ Console & Capture requests and cookies ⊕ Bootcamp □ Runner □ Trash □ ②

^ **②** ENG **③** □ 13/01/2022 **①**

Employees List from H2 Console



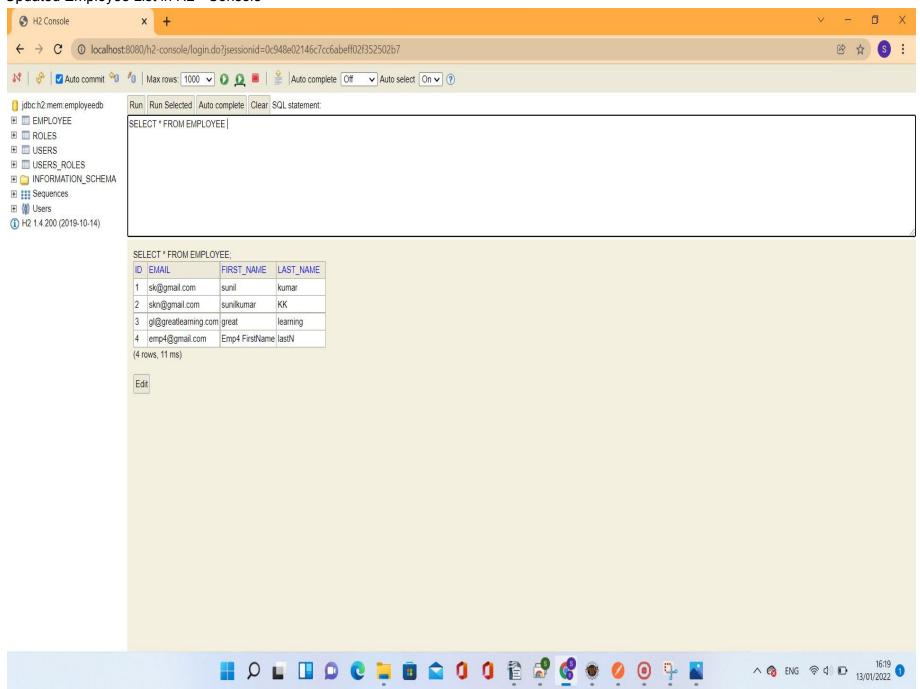
Fetch Employee Record for the given Id 5. Postman File Edit View Help Home Workspaces V API Network V Reports Explore Q Search Postman My Workspace 6 Overview http://localhost:8080/employed 0 **GET New Request** EmployeeManagement / New Request Collections EmployeeManagement E http://localhost:8080/api/employees/2 000 **GET New Request** APIs Params Authorization • Headers (9) Body Pre-request Script Tests Settings Cookies (/> 0 none form-data x-www-form-urlencoded raw binary GraphQL Environments (i) This request does not have a body Body Cookies (1) Headers (13) Test Results Status: 200 OK Time: 22 ms Size: 485 B Save Response V Mock Servers Λν. Pretty Preview Visualize JSON V Q Monitors 1 2 "id": 2, 땐 "firstName": "sunilkumar", Flows 4 "lastName": "KK", 5 "email": "skn@gmail.com" 0 6 History & Capture requests and cookies Bootcamp Runner Trash Trash O ^ **@** ENG **@ 4**) **№** 17:51 **1**13/01/2022

6. Update and existing Employee Postman 0 File Edit View Help Home Workspaces V API Network V Reports Explore Q Search Postman 0 My Workspace New Import 💮 Overview PUT New Request http://localhost:8080/employed EmployeeManagement / New Request Collections ∨ EmployeeManagement E http://localhost:8080/api/employees/update PUT Send 00 **GET New Request** APIs (/> Params Authorization • Headers (11) Body • Pre-request Script Tests Settings Cookies none form-data x-www-form-urlencoded raw binary GraphQL JSON v Beautify Environments i ·-"id": 4, Mock Servers "firstName": "Emp4 FirstName", "lastName": "lastN", 1 "email": "emp4@gmail.com" Monitors 댄 Flows 1 History Body Cookies (1) Headers (13) Test Results Status: 200 OK Time: 63 ms Size: 549 B Save Response V Raw Preview Visualize Text V [Q 1 Employee Updated Successfully! 2 Updated Employee Details is : 3 id: 4 4 First Name : Emp4 FirstName 5 Last Name : lastN 6 Email: emp4@gmail.com

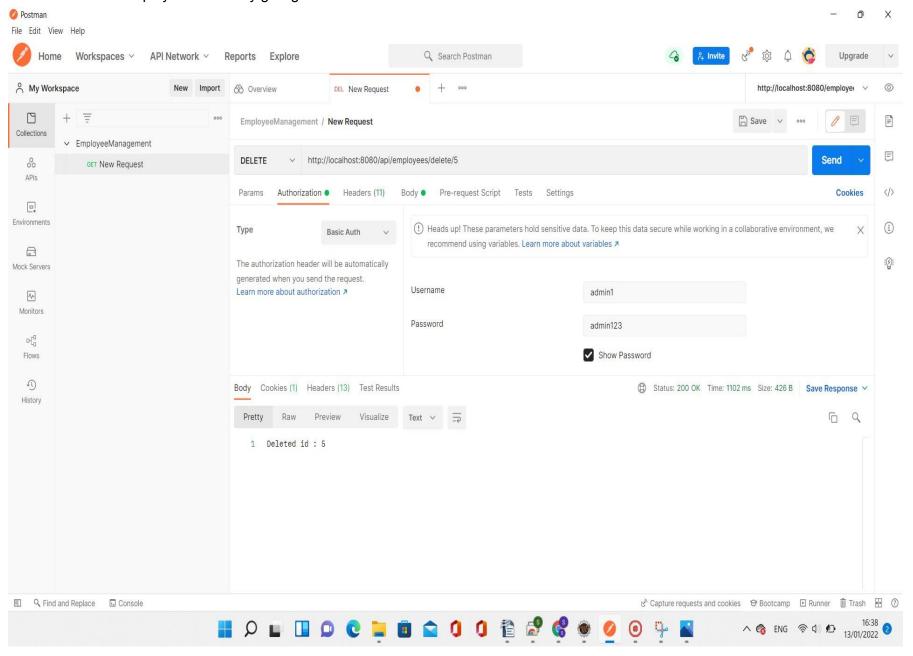
^ **(a)** ENG **(a) (D)** 16:19 **(1)** 13/01/2022 **(1)**

□ Q Find and Replace □ Console

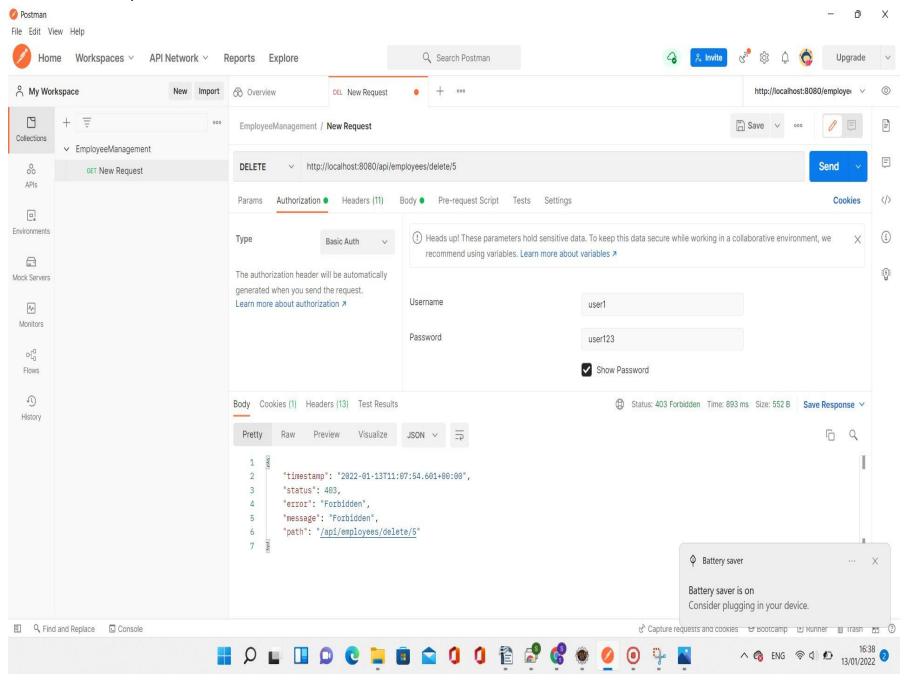
Updated Employee List in H2 - Console



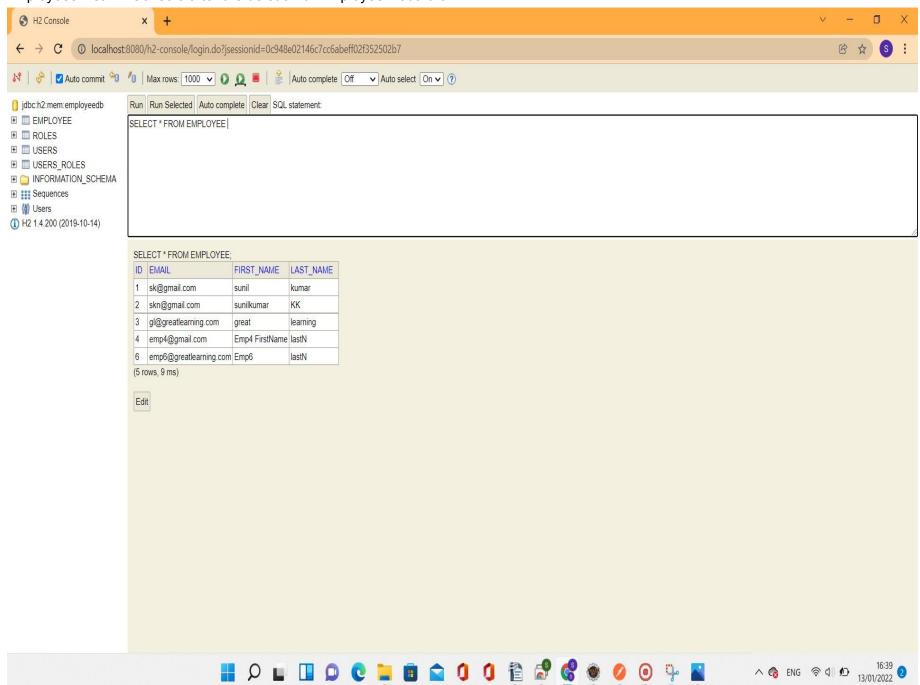
7. Delete an Employee Record by giving id



Delete Record Not permitted for user1



Employees List H2 Console after the deletion of Employee Record 5



8. Fetch Employees by Search on First Name Postman 0 × File Edit View Help Home Workspaces V API Network V Q Search Postman Reports Explore 0 My Workspace http://localhost:8080/employer 60 Overview **GET New Request** EmployeeManagement / New Request Collections → EmployeeManagement E GET http://localhost:8080/api/employees/search/emp 80 **GET New Request** APIs (/> Body Pre-request Script Tests Settings Cookies Params Authorization • Headers (11) Environments (!) Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we (i) Type Basic Auth recommend using variables. Learn more about variables ₹ 9 The authorization header will be automatically Mock Servers generated when you send the request. Username Learn more about authorization > 1 user1 Monitors Password user123 댄 Show Password Flows 9 Cookies (1) Headers (13) Test Results Status: 200 OK Time: 36 ms Size: 655 B Save Response V History Pretty Preview Visualize [{"id":4,"firstName":"Emp4 FirstName","lastName":"lastN","email":"emp4@gmail.com"}, {"id":5,"firstName":"Emp5","lastName":"lastN","email":"emp5@greatlearning.com"}, {"id":6,"firstName":"Emp6","lastName":"lastN","email":"emp6@greatlearning.com"}]

□ Q Find and Replace □ Console

& Capture requests and cookies

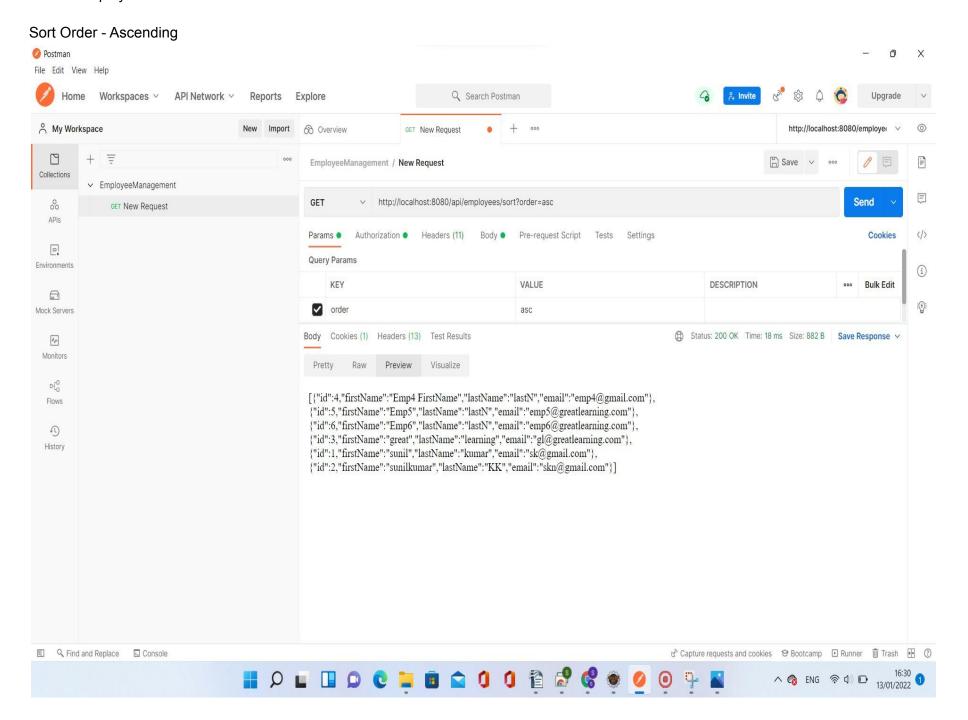
Bootcamp

Runner

Trash

O

9. Employees Sort on First Name



Sort Order - Descending

