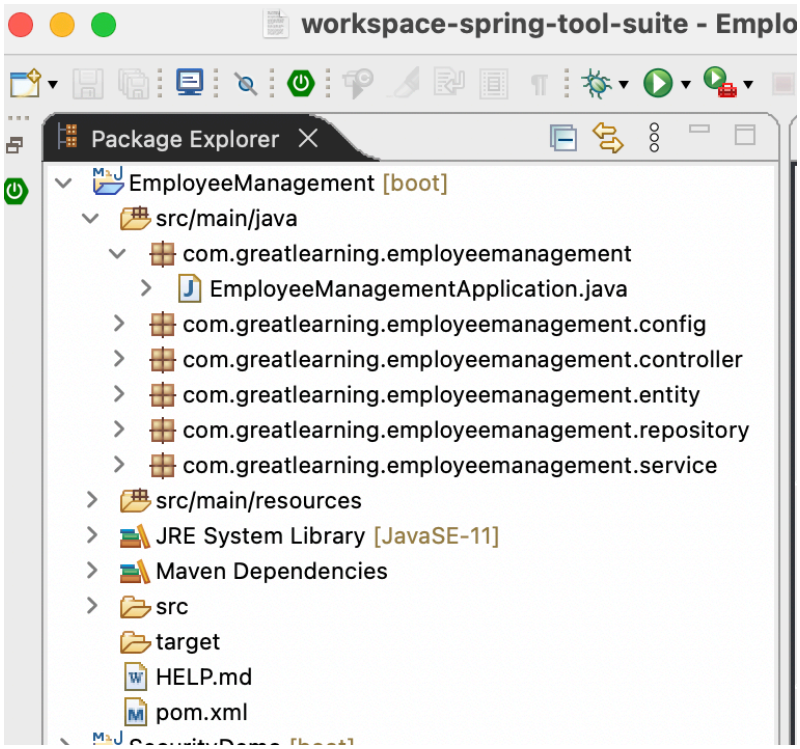
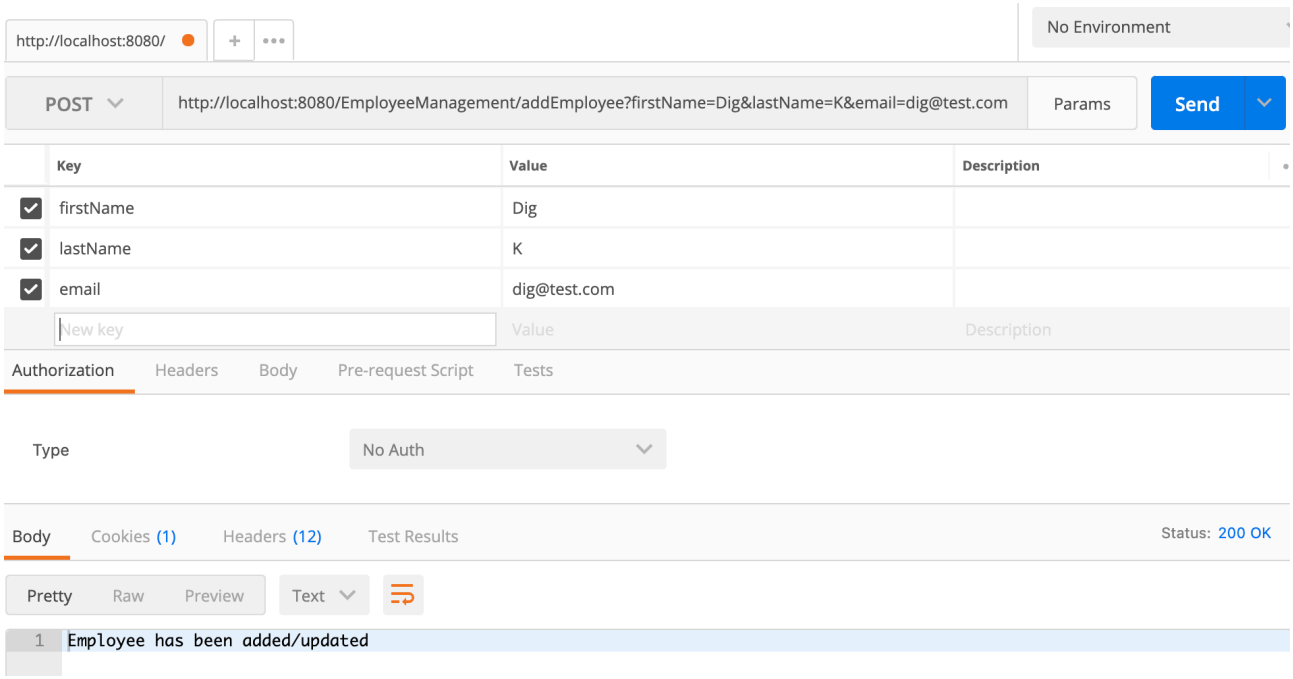
RestAPI assignment

Project structure



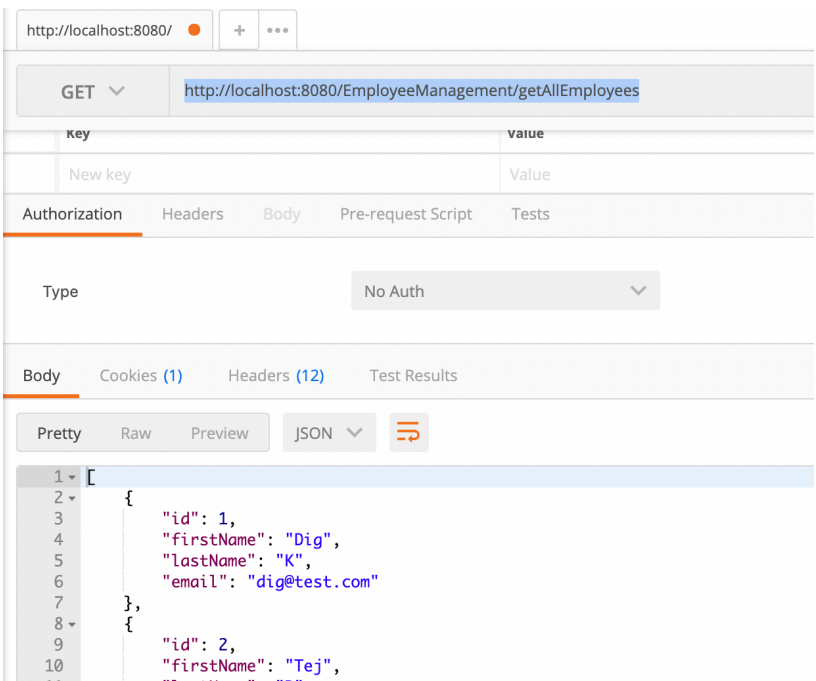
Prompts for login. Login as ADMIN - user1.

Add a new employee api, employee successfully added

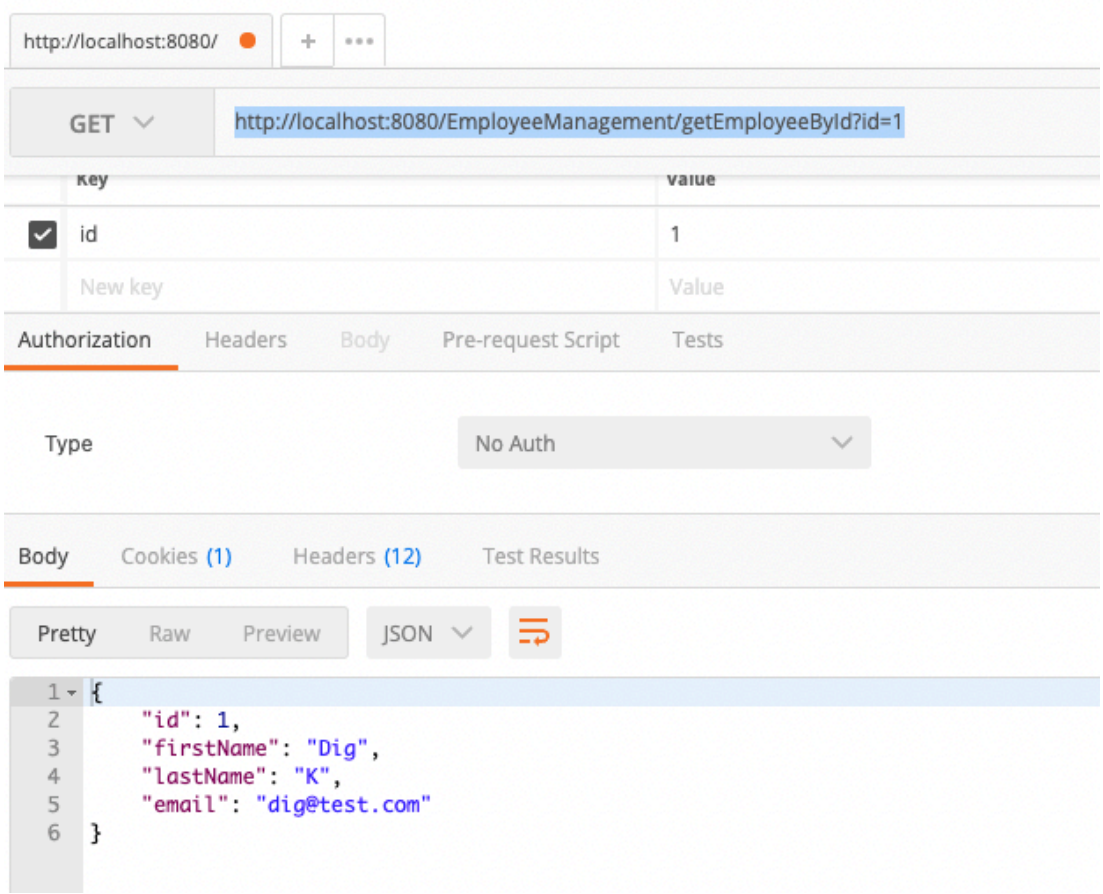


Get all employees api - gets all employee from H2 DB

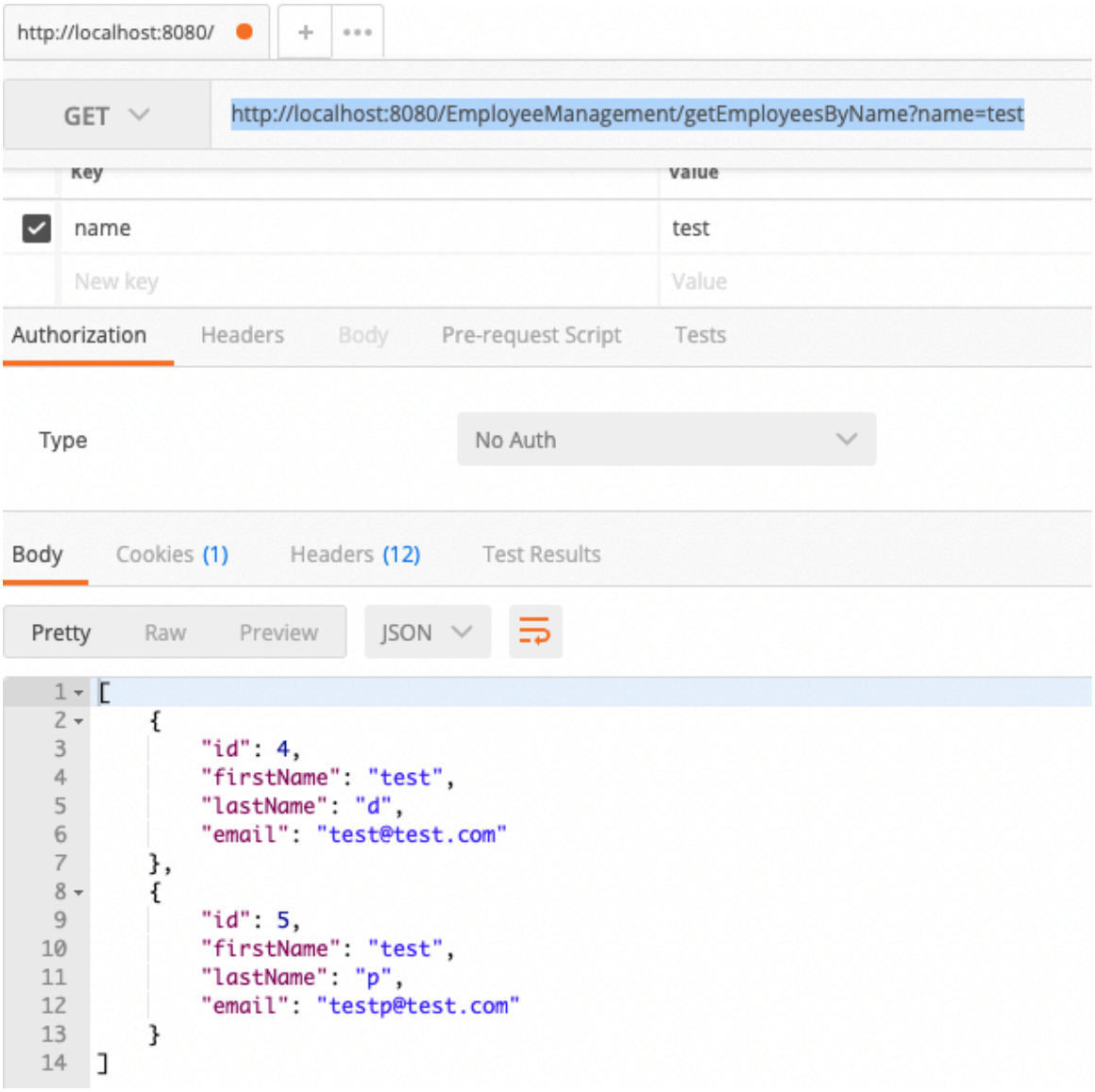
http://localhost:8080/EmployeeManagement/getAllEmployees



Get employee by ID. http://localhost:8080/EmployeeManagement/getEmployeeById?id=1

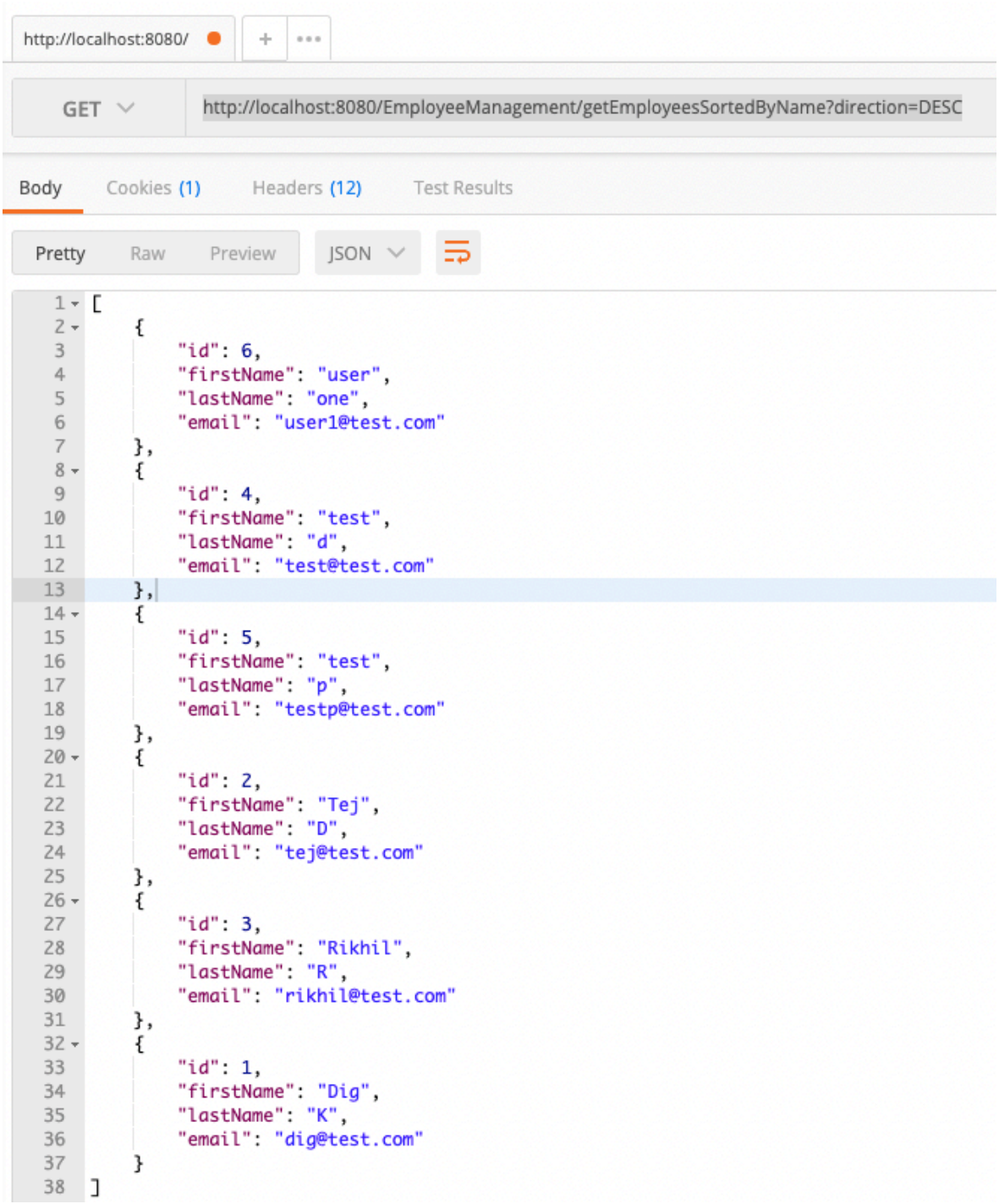


Get employee by first name. Gets all the employees whose first name starts with “test” (2 employee in this case)



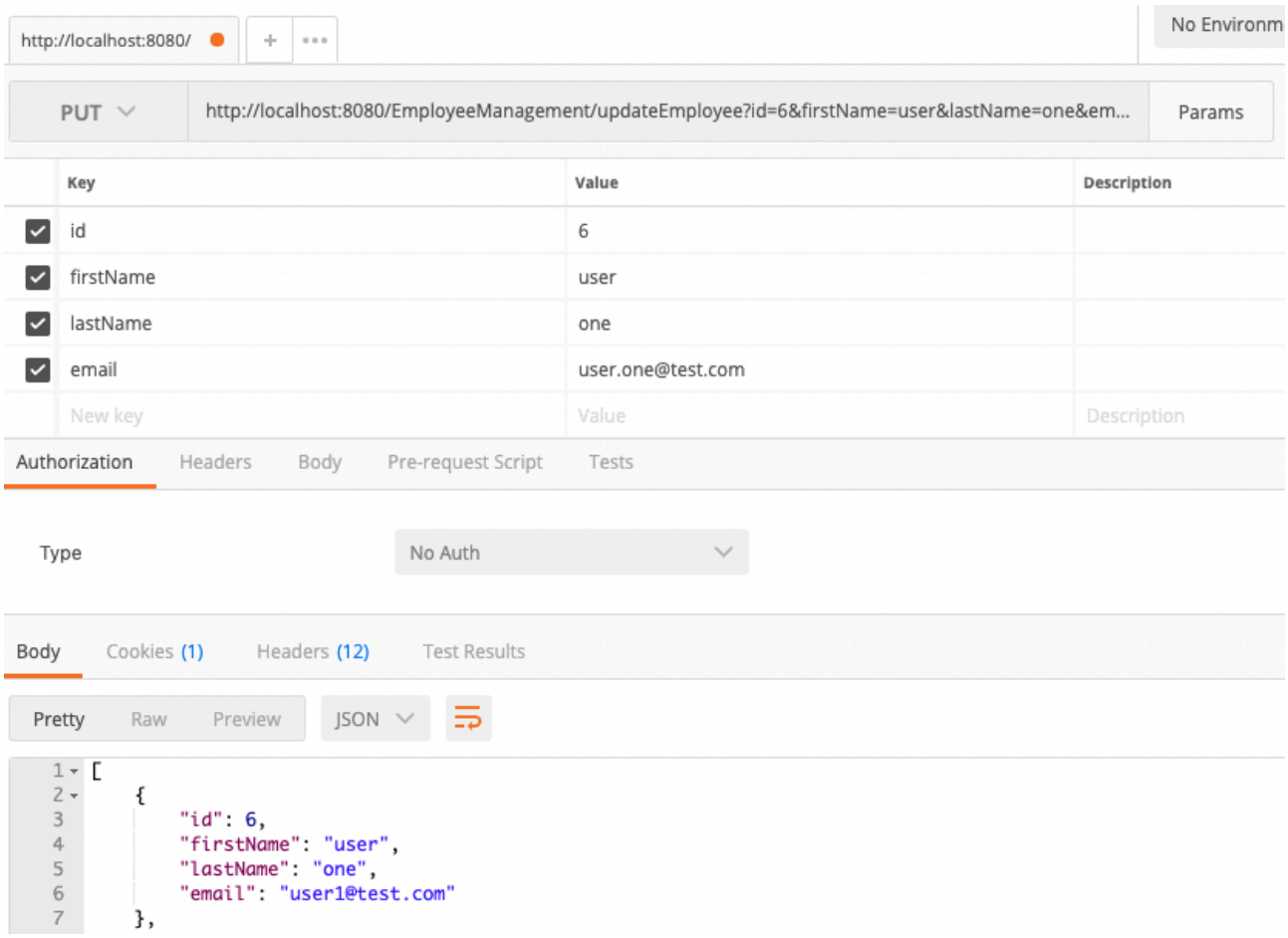
Get all employees sorted by first name in particular order.

http://localhost:8080/EmployeeManagement/getEmployeesSortedByName?direction=DESC

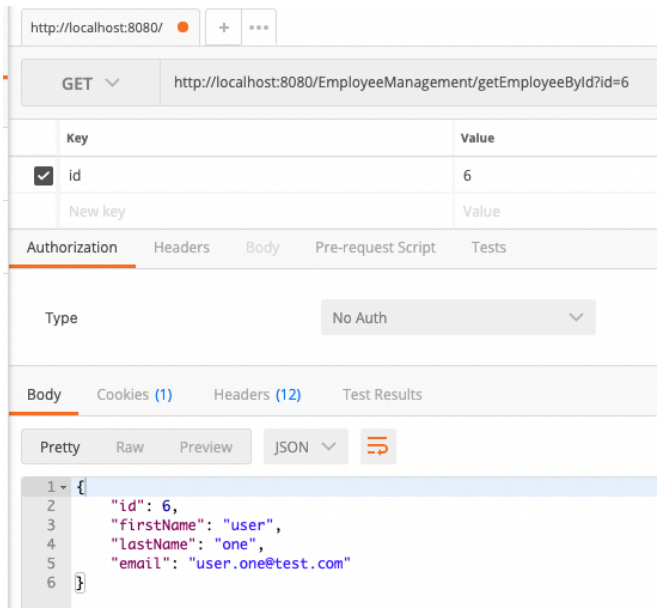


Update existing employee record

Before sending PUT request for employee id = 6 to change email address from user1@test.com to user.one@test.com



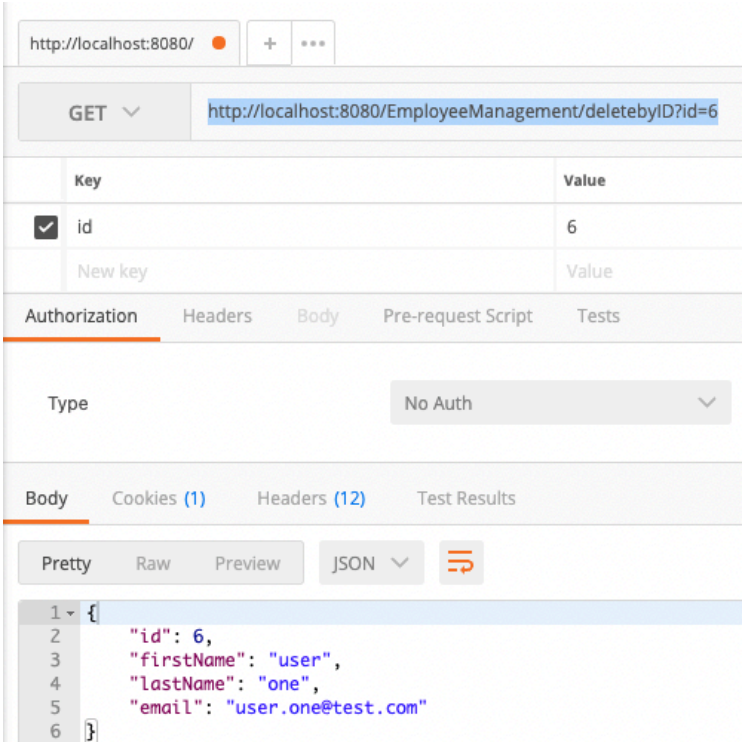
After PUT updated record fetched through ID



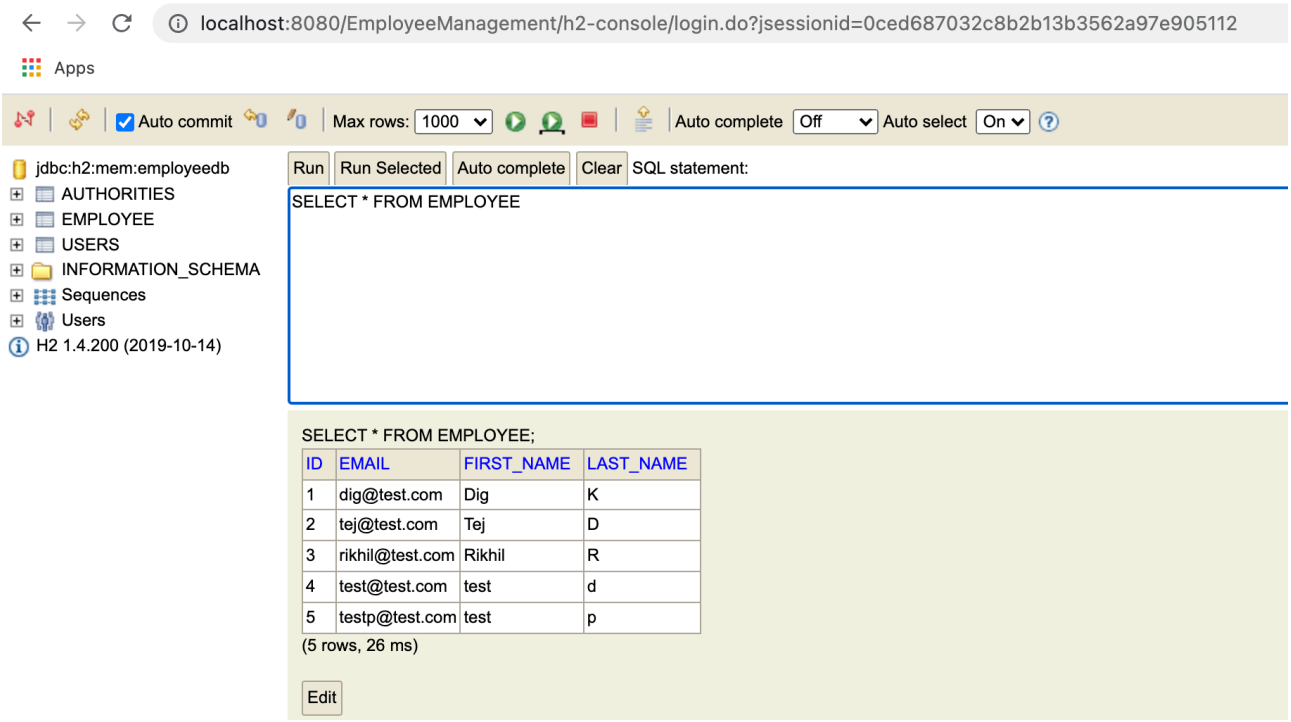
Delete Employee by ID

http://localhost:8080/EmployeeManagement/deletebyID?id=6

Before



After - screenshot of H2 DB



Login as user2 with USER role access

Tries to add an employee through /addEmployee API which requires ADMIN access and receives 403 error