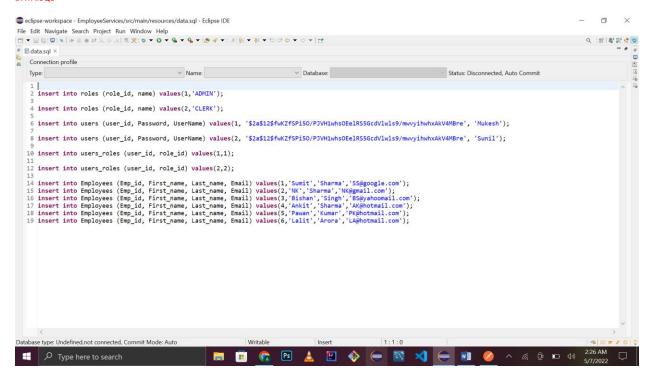
# BACK-END ASSIGNMENT 6 EMPLOYEE SERVICE USING SPRING BOOT, JPA/ORM, SECURITY

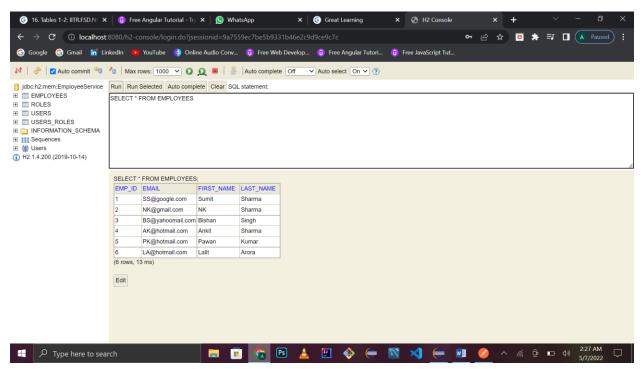
# SNAPSHOTS FOR THE CRUD OPERATION & MORE USING SPRING BOOT PROJECT

### DATA.SQL

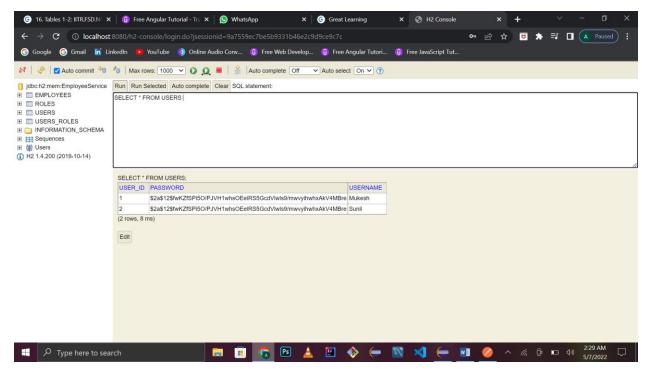


### **H2-CONSOLE**

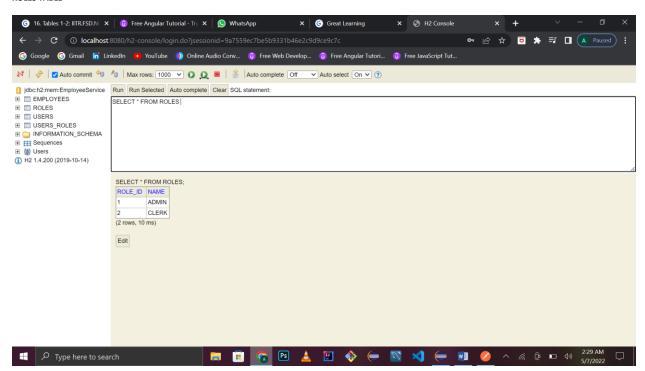
### **EMPLOYEE TABLE**



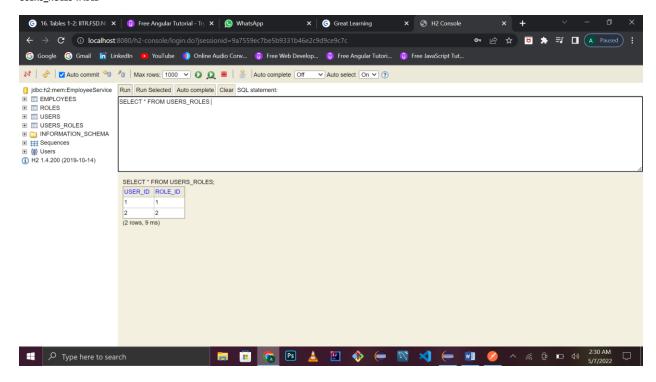
### **USERS TABLE**



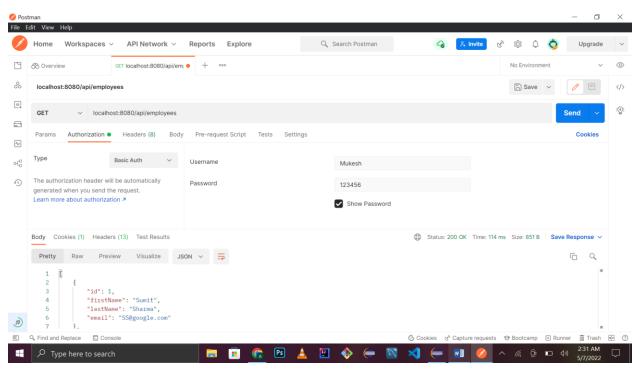
### **ROLES TABLE**



### USERS\_ROLES TABLE



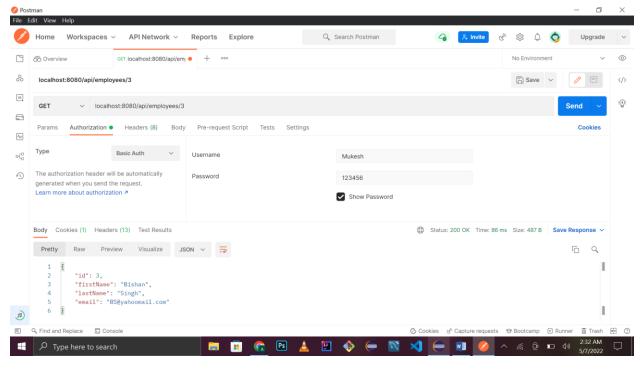
### GET-API to fetch list of all Employees from the database



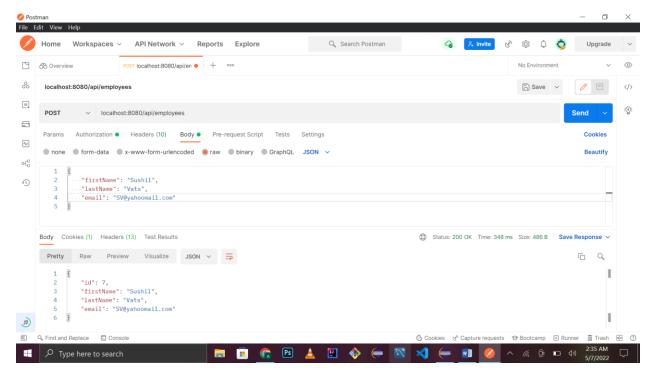
```
OUTPUT
```

```
[
    "id": 1,
    "firstName": "Sumit",
    "lastName": "Sharma",
    "email": "SS@google.com"
 },
  {
    "id": 2,
    "firstName": "NK",
    "lastName": "Sharma",
    "email": "NK@gmail.com"
  },
  {
    "id": 3,
    "firstName": "Bishan",
    "lastName": "Singh",
    "email": "BS@yahoomail.com"
  },
  {
    "id": 4,
    "firstName": "Ankit",
    "lastName": "Sharma",
    "email": "AK@hotmail.com"
  },
  {
    "id": 5,
    "firstName": "Pawan",
    "lastName": "Kumar",
    "email": "PK@hotmail.com"
 },
  {
    "id": 6,
    "firstName": "Lalit",
    "lastName": "Arora",
    "email": "LA@hotmail.com"
 }
```

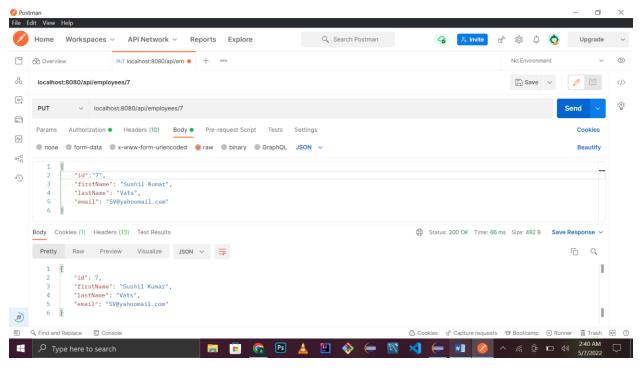
### **GET-API** to Fetch record of an Employee Using EmployeeId



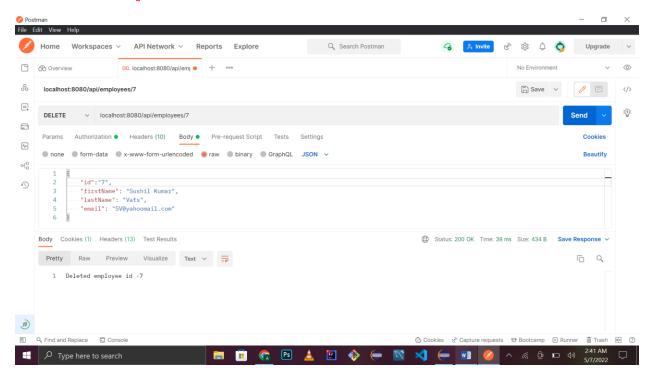
### POST-API to Add a New Employee to the Database



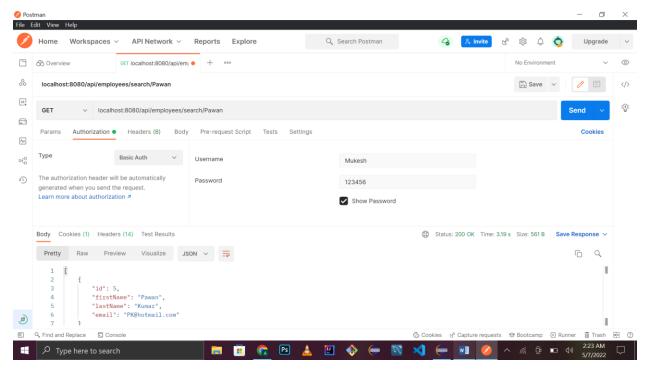
### PUT -API to Update the Record of an Existing Employee in the Database



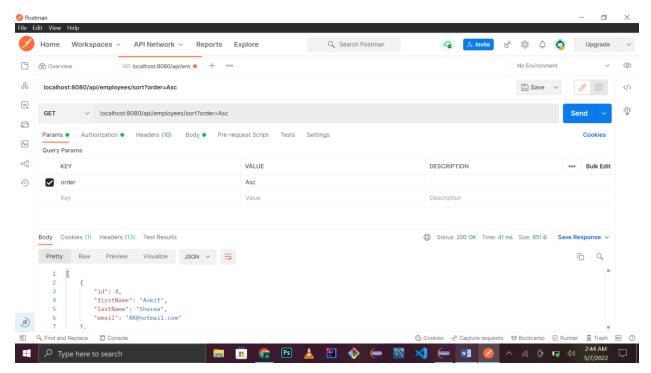
### **DELETE-API to Delete an Existing record from the Database**



### GET-API to Search an Employee Record from the Database using FirstName



### GET-API to Sort the Existing Records in Ascending Order using parameter as Employee FirstName

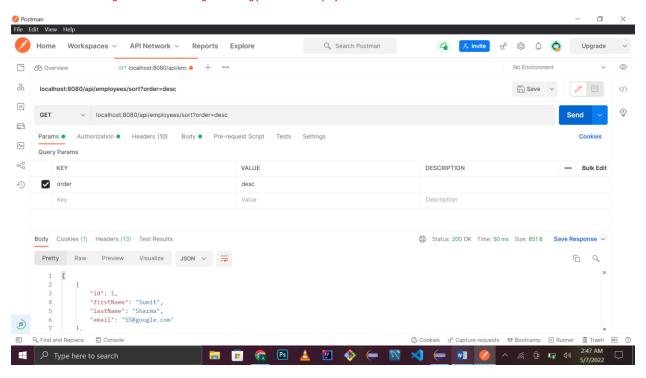


# Output as per Order=Asc

```
[
  {
    "id": 4,
    "firstName": "Ankit",
    "lastName": "Sharma",
    "email": "AK@hotmail.com"
  },
  {
    "id": 3,
    "firstName": "Bishan",
    "lastName": "Singh",
    "email": "BS@yahoomail.com"
  },
  {
    "id": 6,
    "firstName": "Lalit",
    "lastName": "Arora",
    "email": "LA@hotmail.com"
  },
  {
    "id": 2,
    "firstName": "NK",
    "lastName": "Sharma",
    "email": "NK@gmail.com"
 },
  {
    "id": 5,
    "firstName": "Pawan",
```

```
"lastName": "Kumar",
    "email": "PK@hotmail.com"
},
{
    "id": 1,
    "firstName": "Sumit",
    "lastName": "Sharma",
    "email": "SS@google.com"
}
```

GET-API to Sort the Existing Records in Descending Order using parameter as Employee FirstName

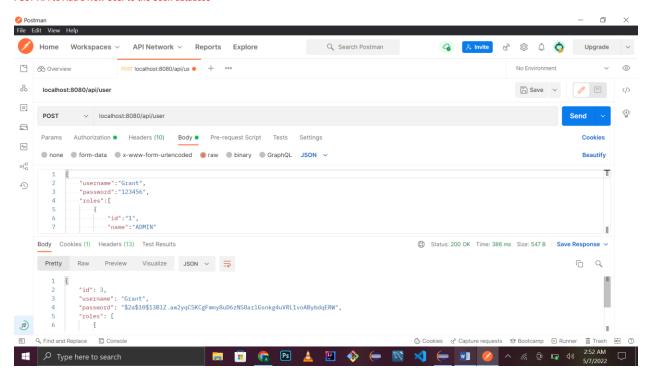


# **Output as per Order=Desc**

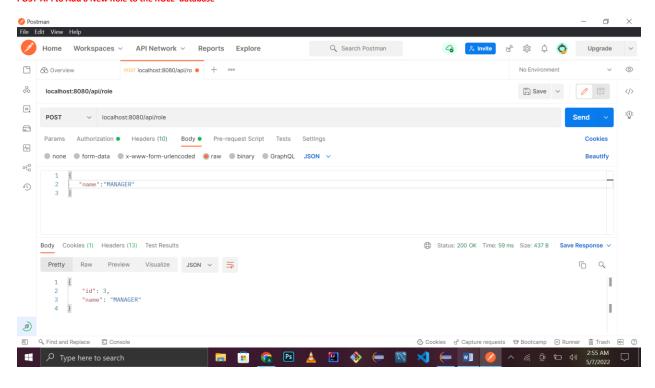
```
[
 {
    "id": 1,
    "firstName": "Sumit",
    "lastName": "Sharma",
    "email": "SS@google.com"
  },
  {
    "id": 5,
    "firstName": "Pawan",
    "lastName": "Kumar",
    "email": "PK@hotmail.com"
  },
  {
    "id": 2,
    "firstName": "NK",
    "lastName": "Sharma",
    "email": "NK@gmail.com"
  },
  {
    "id": 6,
    "firstName": "Lalit",
    "lastName": "Arora",
    "email": "LA@hotmail.com"
 },
  {
    "id": 3,
    "firstName": "Bishan",
```

```
"lastName": "Singh",
    "email": "BS@yahoomail.com"
},
{
    "id": 4,
    "firstName": "Ankit",
    "lastName": "Sharma",
    "email": "AK@hotmail.com"
}
```

### POST-API to Add a New User to the USER database



### POST-API to Add a New Role to the ROLE database



### **Project Structure**

