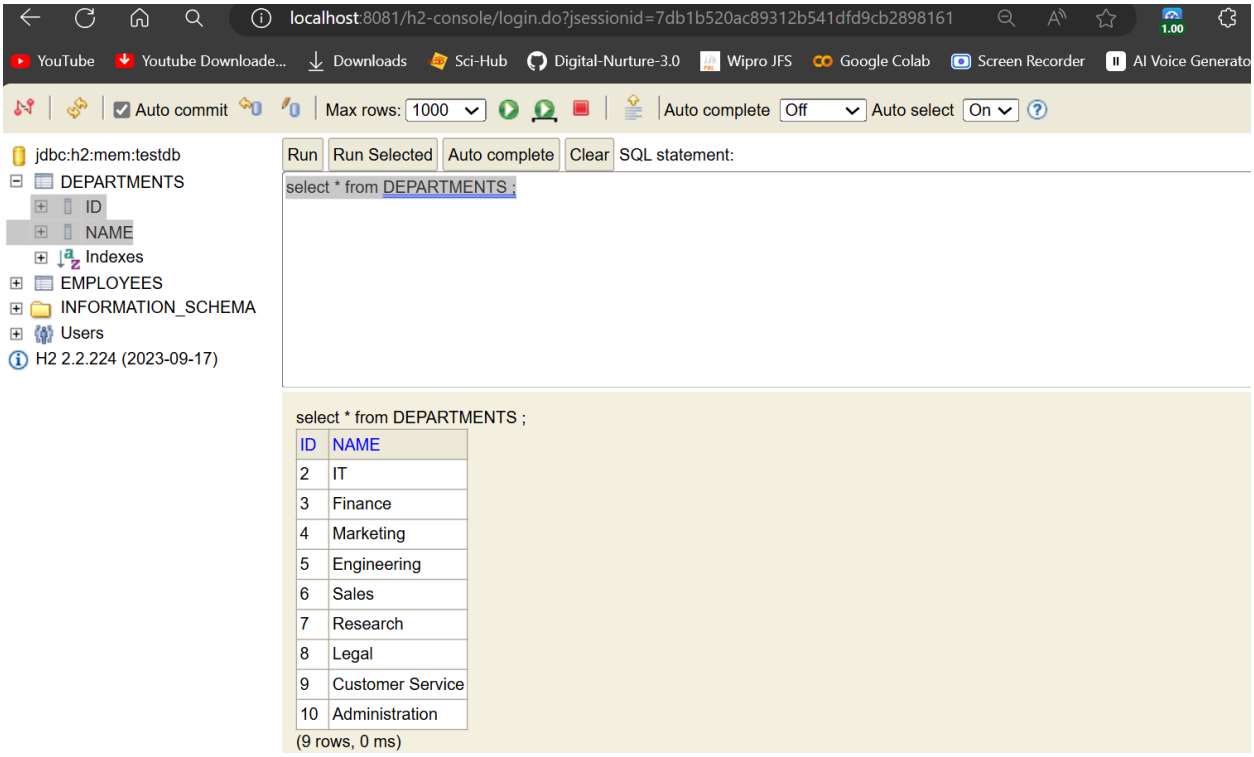
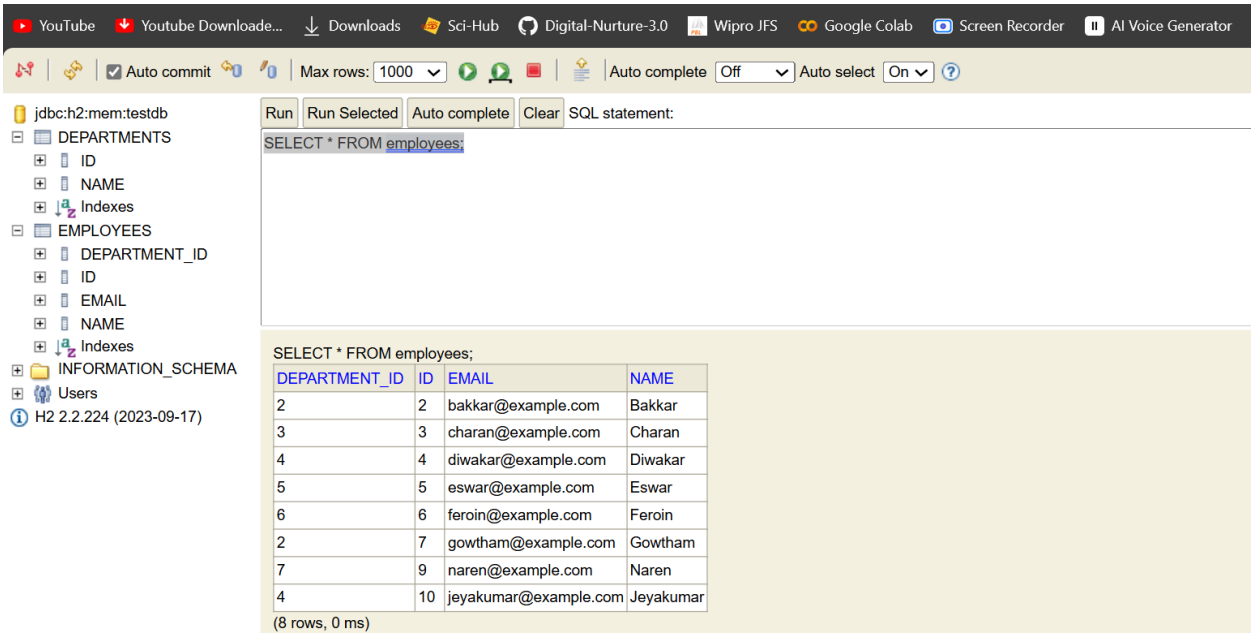
Exercise 6 - Implementing Pagination and Sorting

Output



Departments Table Data

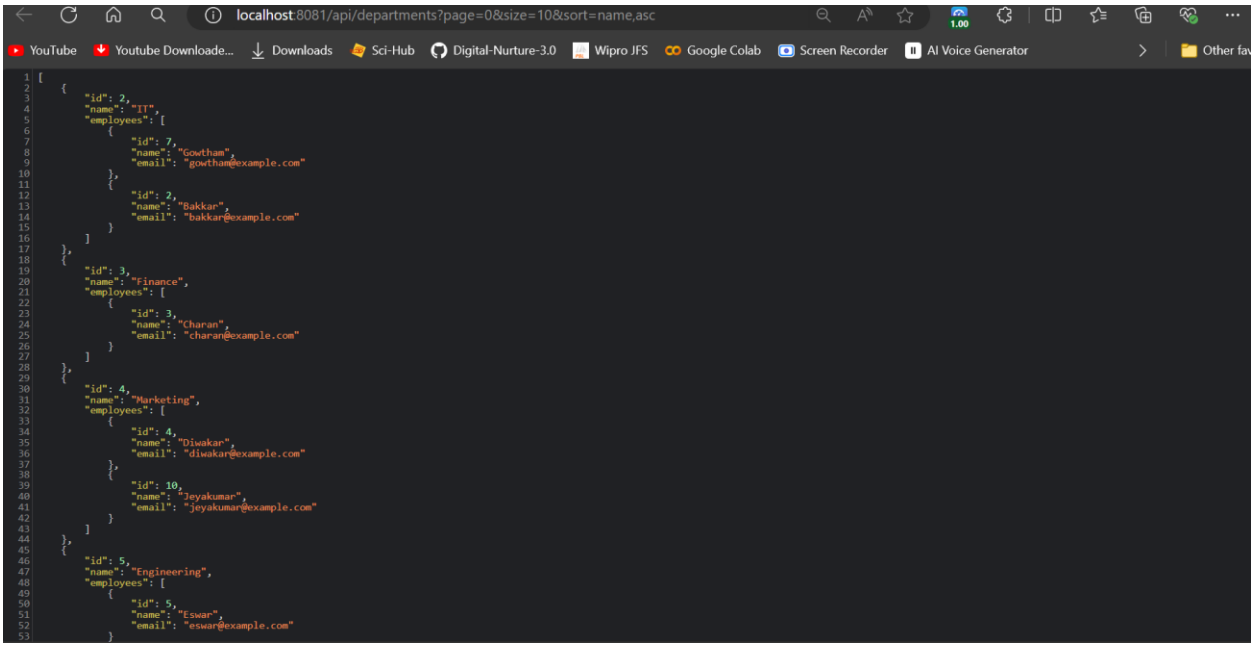


Employees Table Data

Employees Table

```
C:\Users\USER>curl "http://localhost:8081/api/departments?page=0&size=10&sort=name,asc"
[{"id":2,"name":"IT","employees":[{"id":7,"name":"Gowtham","email":"gowtham@example.com"},{"id":2,"name":"Bakkar","email":"bakkar@exa
mple.com"}]},{"id":3,"name":"Finance","employees":[{"id":3,"name":"Charan","email":"charan@example.com"}]},{"id":4,"name":"Marketing"
,"employees":[{"id":4,"name":"Diwakar","email":"diwakar@example.com"},{"id":10,"name":"Jeyakumar","email":"jeyakumar@example.com"}]},
{"id":5,"name":"Engineering","employees":[{"id":5,"name":"Eswar","email":"eswar@example.com"}]},{"id":6,"name":"Sales","employees":[{
"id":6,"name":"Feroin","email":"feroin@example.com"}]},{"id":7,"name":"Research","employees":[{"id":9,"name":"Naren","email":"naren@e
xample.com"}]},{"id":8,"name":"Legal","employees":[]},{"id":9,"name":"Customer Service","employees":[]},{"id":10,"name":"Administrati
on","employees":[]}]
```

Using CURL Command in CMD



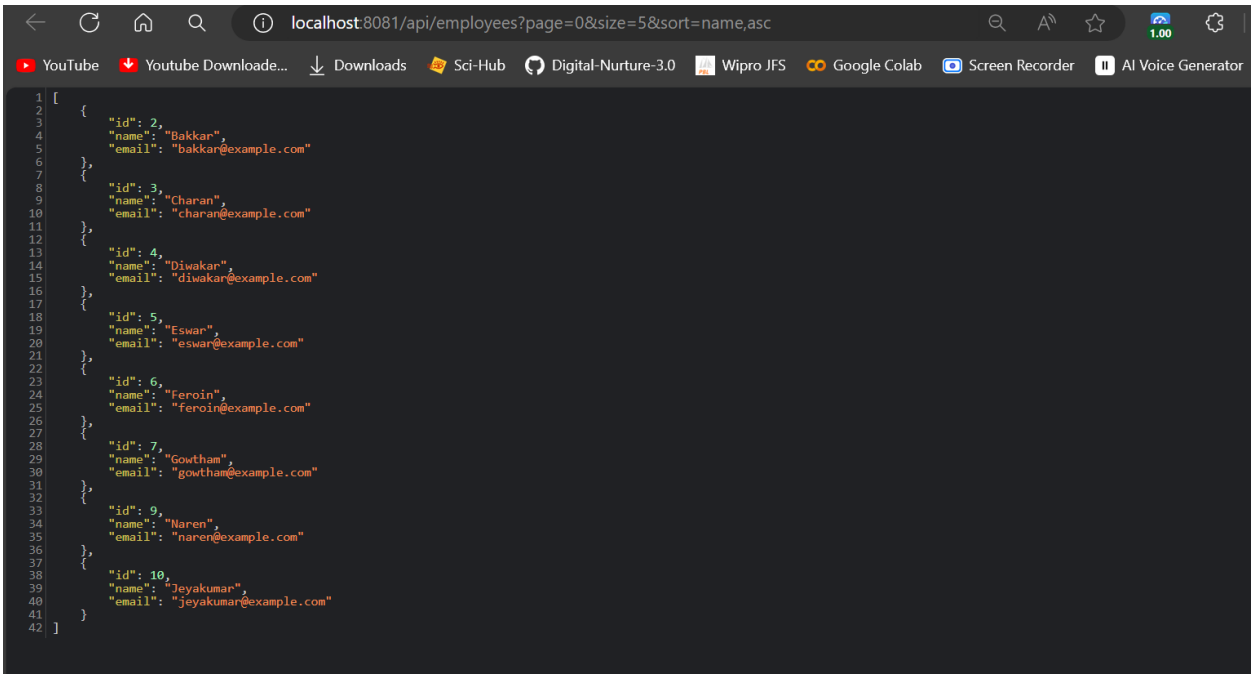

```
[
    {
        "id": 2,
        "name": "IT",
        "employees": [
            {
                "id": 7,
                "name": "Gowtham",
                "email": "gowtham@example.com"
            },
            {
                "id": 2,
                "name": "Bakkar",
                "email": "bakkar@example.com"
            }
        ]
    },
    {
        "id": 3,
        "name": "Finance",
        "employees": [
            {
                "id": 3,
                "name": "Charan",
                "email": "charan@example.com"
            }
        ]
    },
    {
        "id": 4,
        "name": "Marketing",
        "employees": [
            {
                "id": 4,
                "name": "Diwakar",
                "email": "diwakar@example.com"
            },
            {
                "id": 10,
                "name": "Jeyakumar",
                "email": "jeyakumar@example.com"
            }
        ]
    },
    {
        "id": 5,
        "name": "Engineering",
        "employees": [
            {
                "id": 5,
                "name": "Eswar",
                "email": "eswar@example.com"
            }
```


Result in Web Browser

Employees Table

```
C:\Users\USER>curl "http://localhost:8081/api/employees?page=0&size=10&sort=name,asc"
[{"id":2,"name":"Bakkar","email":"bakkar@example.com"},{"id":3,"name":"Charan","email":"charan@example.com"},{"id":4,"name":"Diwakar"
,"email":"diwakar@example.com"},{"id":5,"name":"Eswar","email":"eswar@example.com"},{"id":6,"name":"Feroin","email":"feroin@example.c
om"},{"id":7,"name":"Gowtham","email":"gowtham@example.com"},{"id":9,"name":"Naren","email":"naren@example.com"},{"id":10,"name":"Jey
akumar","email":"jeyakumar@example.com"}]
C:\Users\USER>curl "http://localhost:8081/api/employees?page=0&size=5&sort=name,asc"
[{"id":2,"name":"Bakkar","email":"bakkar@example.com"},{"id":3,"name":"Charan","email":"charan@example.com"},{"id":4,"name":"Diwakar"
,"email":"diwakar@example.com"},{"id":5,"name":"Eswar","email":"eswar@example.com"},{"id":6,"name":"Feroin","email":"feroin@example.c
om"},{"id":7,"name":"Gowtham","email":"gowtham@example.com"},{"id":9,"name":"Naren","email":"naren@example.com"},{"id":10,"name":"Jey
akumar","email":"jeyakumar@example.com"}]
C:\Users\USER>
```

Using CURL Command in CMD



Result in Web Browser