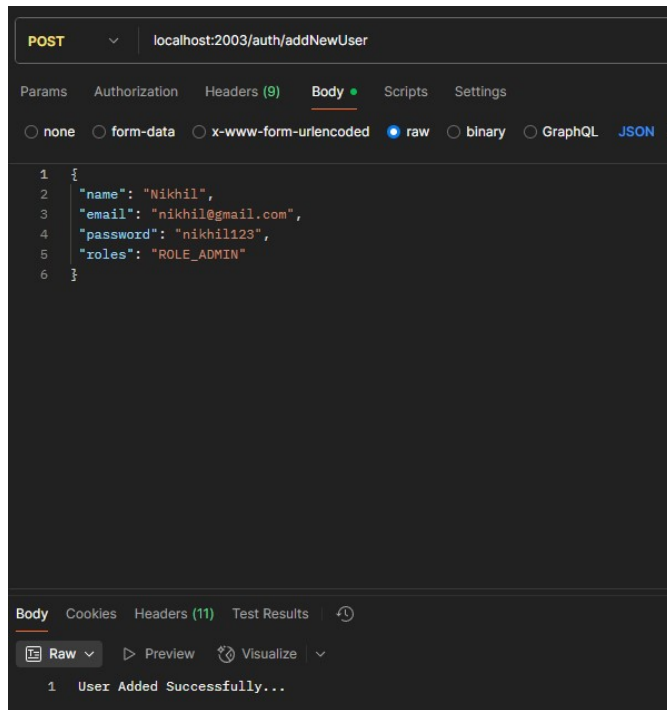
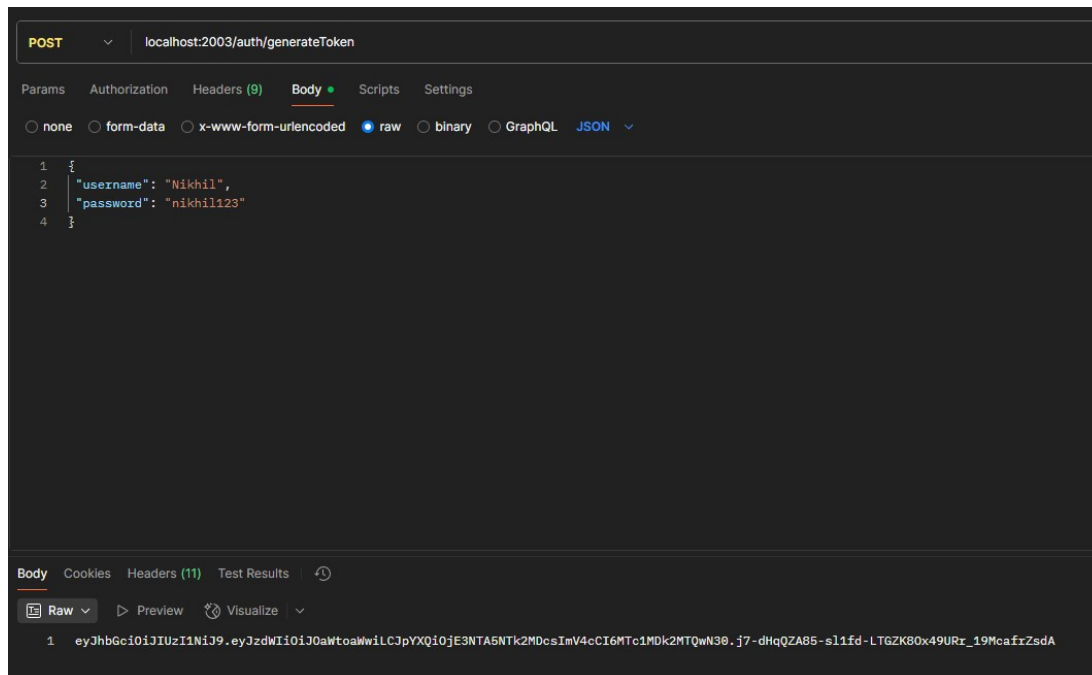


addNewUser:



generateToken:



Bearer Token:

eyJhbGciOiJIUzI1NiJ9.eyJzdWUiOiJOYWtoYWwiLCJpYXQiOiJlE3NTA5NTk2MDcsImV4cCI6MTc1MDk2MTQwN30.j7-dHqQZA85-sl1fd-LTGZK8Ox49URr

getAllTasks:

localhost:2003/ap/tasks/getAllTasks

GETlocalhost:2003/ap/tasks/getAllTasks

Params

Authorization

Headers (7)

Body

Scripts

Settings

Headers

6 hidden

	Key	Value	Description
<input checked="" type="checkbox"/>	Authorization	Bearer eyJhbGciOiJIUzI1NiJ9.eyJzdWUiOiJOYWtoYWwiLCJpYXQiOiJlE3NTA5NTk2MDcsImV4cCI6MTc1MDk2MTQwN30.j7-dHqQZA85-sl1fd-LTGZK8Ox49URr	
	Key	Value	Description

Body

Cookies

Headers (11)

Test Results

{}

JSON

Preview

Visualize

```
1  {
2    {
3      "taskId": 1,
4      "title": "Buy groceries",
5      "description": "Pick up fruits and vegetables from the store",
6      "dueDate": "2025-06-28",
7      "priority": "LOW",
8      "status": "PENDING"
9    },
10   {
11     "taskId": 2,
12     "title": "Pay electricity bill",
13     "description": "Pay this month's electricity bill online",
14     "dueDate": "2025-06-27",
15     "priority": "MEDIUM",
16     "status": "PENDING"
17   },
18   {
19     "taskId": 3,
20     "title": "Team meeting",
21     "description": "Discuss project updates with the team",
22     "dueDate": "2025-06-29",
23     "priority": "HIGH",
24     "status": "IN_PROGRESS"
25   },
26   {
27     "taskId": 4,
28     "title": "Call plumber",
29     "description": "Fix leaking tap in the kitchen",
30     "dueDate": "2025-06-30",
31     "priority": "LOW",
```

createTask:

The screenshot displays a REST client interface with a POST request to `localhost:2003/api/tasks/createTask`. The request body is a JSON object with the following fields: `title`, `description`, `dueDate`, `priority`, and `status`. The response body is also a JSON object, including an additional `taskId` field.

Request:

```
1 {
2   "title": "Go to the GYM",
3   "description": "Do an effective Workout",
4   "dueDate": "2025-06-30",
5   "priority": "MEDIUM",
6   "status": "PENDING"
7 }
```

Response:

```
1 {
2   "taskId": 6,
3   "title": "Go to the GYM",
4   "description": "Do an effective Workout",
5   "dueDate": "2025-06-30",
6   "priority": "MEDIUM",
7   "status": "PENDING"
8 }
```

updateTask:

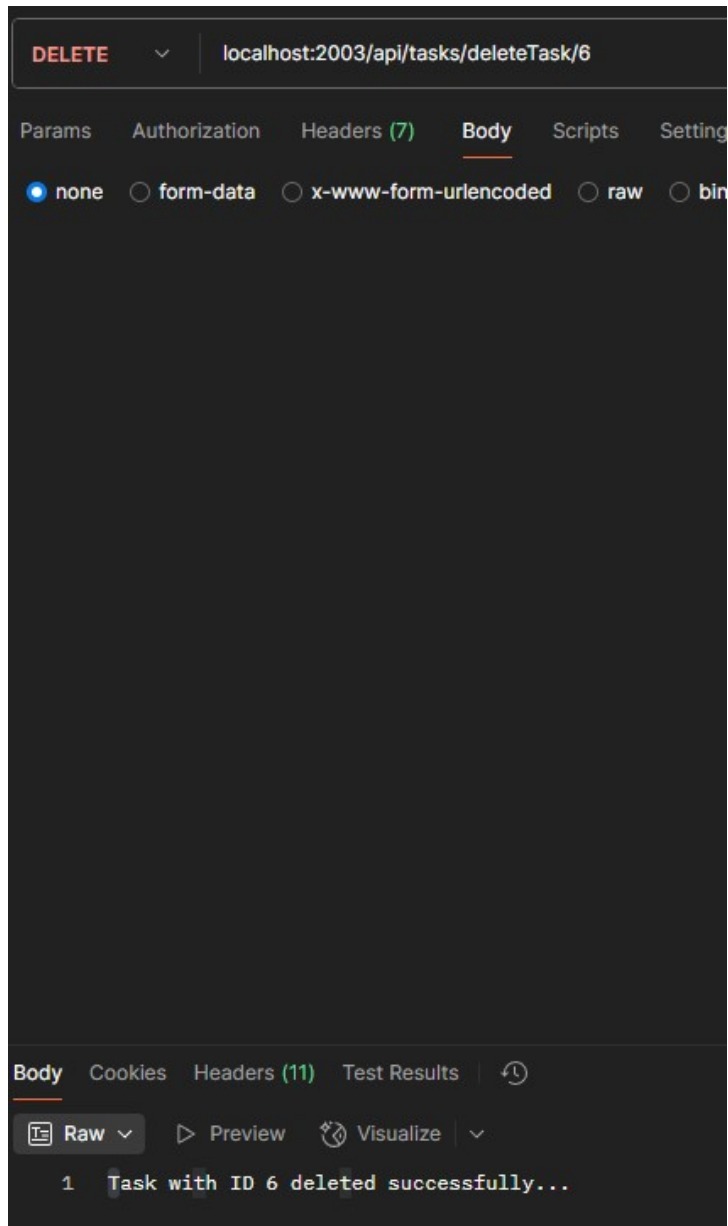
The screenshot shows a REST client interface with the following details:

- Method:** PUT
- URL:** localhost:2003/api/tasks/updateTask/6
- Body Type:** raw (selected)
- Body Content:**

```
1 {  
2   "title": "Go to the GYM",  
3   "description": "Do an effective Workout",  
4   "dueDate": "2025-06-30",  
5   "priority": "MEDIUM",  
6   "status": "COMPLETED"  
7 }
```
- Response Body:**

```
1 Task with ID 6 updated successfully...
```

deleteTask:



getTaskById:

The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** localhost:2003/api/tasks/getTaskById/1
- Body Tab:** Selected, showing a JSON response.
- JSON Response:**

```
1 {
2   "taskId": 1,
3   "title": "Buy groceries",
4   "description": "Pick up fruits and vegetables from the store",
5   "dueDate": "2025-06-28",
6   "priority": "LOW",
7   "status": "PENDING"
8 }
```

DATABASE:

```
CREATE DATABASE taskdb;
```

```
USE taskdb;
```

```
create table user_data
```

```
(  
    uid int primary key auto_increment,  
    name varchar(20),  
    email varchar(20),  
    password varchar(100),  
    roles varchar(40)  
)
```

```
select * from user_data;
```

```
commit;
```

```
CREATE TABLE tasks (
```

```
    task_id INT AUTO_INCREMENT PRIMARY KEY,  
    title VARCHAR(255) NOT NULL,  
    description TEXT,  
    due_date DATE,  
    priority ENUM('LOW', 'MEDIUM', 'HIGH'),  
    status ENUM('PENDING', 'IN_PROGRESS', 'COMPLETED')
```

);

INSERT INTO tasks (title, description, due_date, priority, status) VALUES

('Buy groceries', 'Pick up fruits and vegetables from the store', '2025-06-28', 'LOW', 'PENDING'),

('Pay electricity bill', 'Pay this month\'s electricity bill online', '2025-06-27', 'MEDIUM', 'PENDING'),

('Team meeting', 'Discuss project updates with the team', '2025-06-29', 'HIGH', 'IN_PROGRESS'),

('Call plumber', 'Fix leaking tap in the kitchen', '2025-06-30', 'LOW', 'PENDING'),

('Submit report', 'Final report submission to manager', '2025-07-01', 'HIGH', 'COMPLETED');