RESTful API Testing – User API
Student Name: Krishna Nath
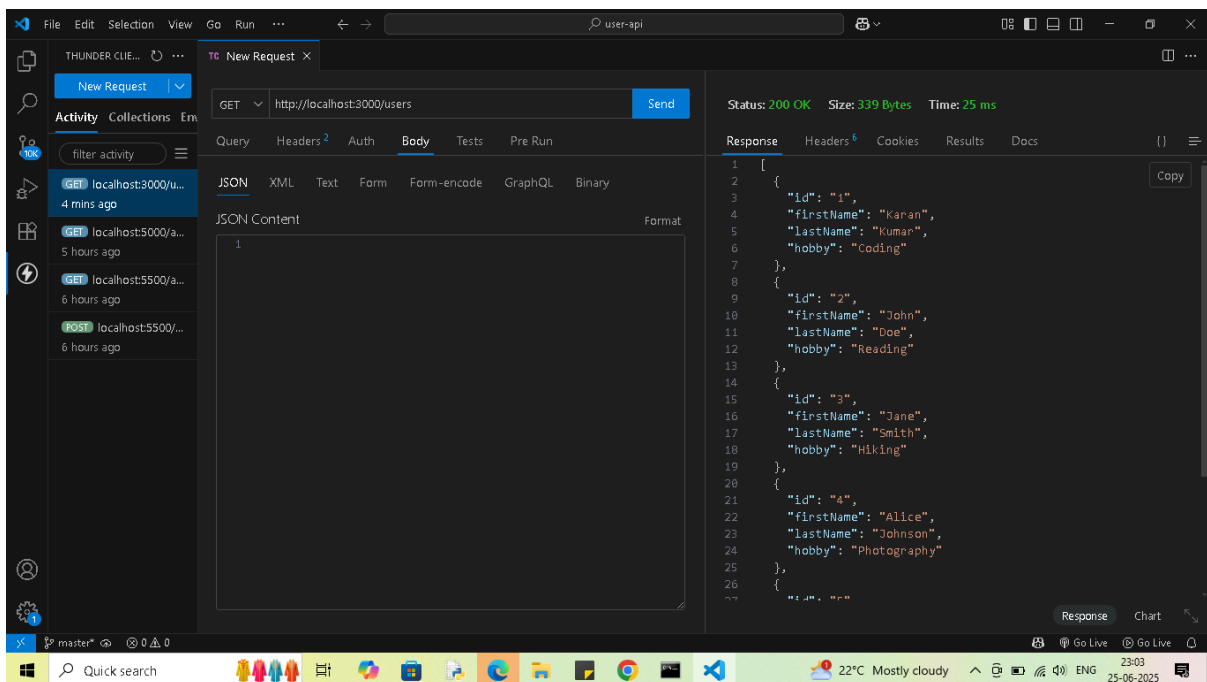
Test Case 1: Get All Users

Method: GET
Endpoint: `/users`
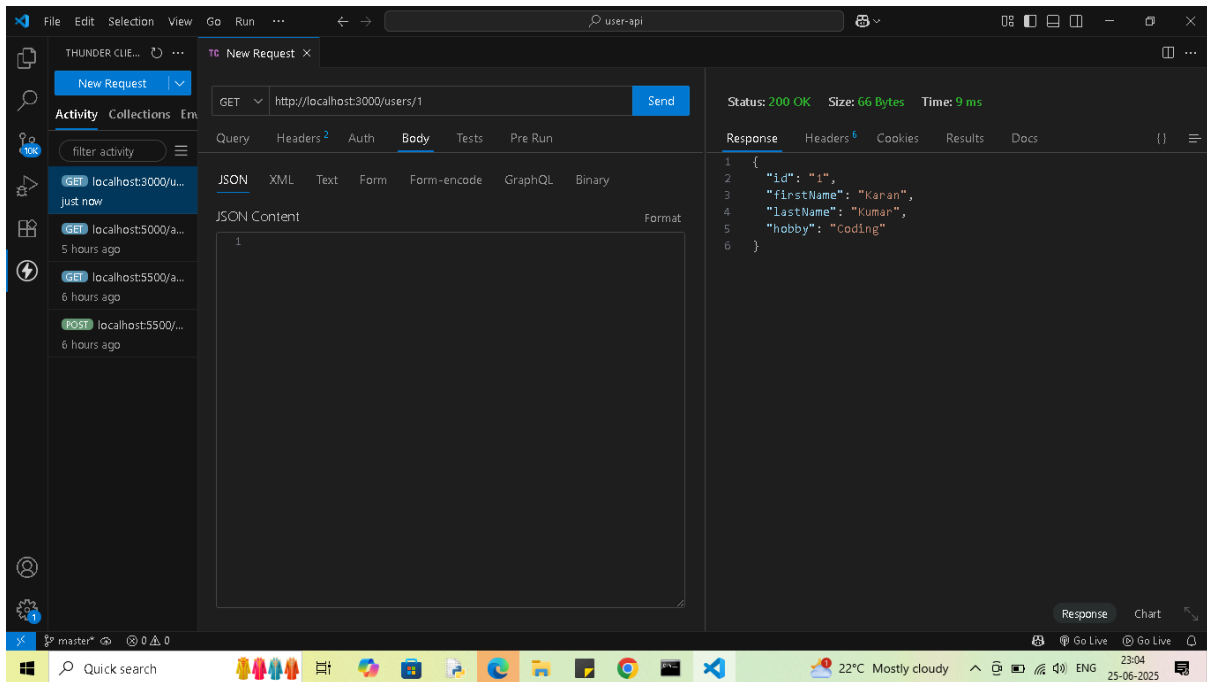**Expected Response:** List of all users
Screenshot:

Test Case 2: Get User by ID

Method: GET
Endpoint: `/users/1`
Expected Response: Details of user with ID = 1

Screenshot:

Test Case 3: Add New User (Valid)
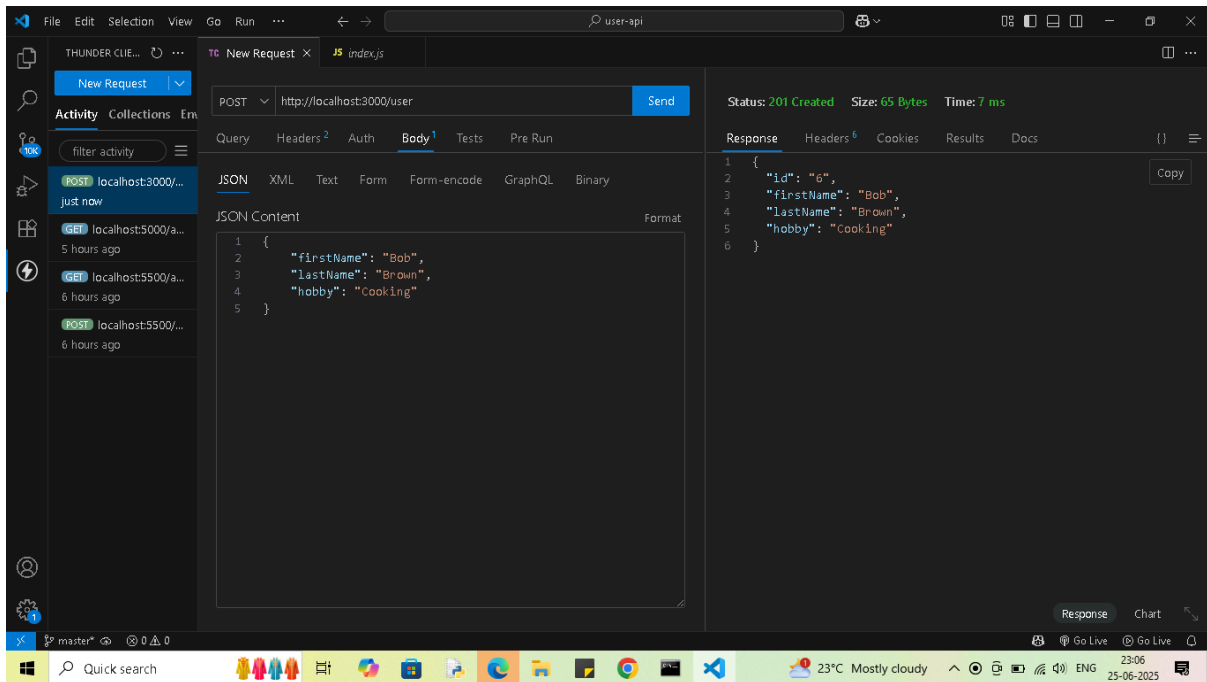
Method: POST
Endpoint: `/user`
Request Body:

```
{
    "firstName": "Bob",
    "lastName": "Brown",
    "hobby": "Cooking"
}
```

Expected Response: Status 201 Created with new user object
Screenshot:

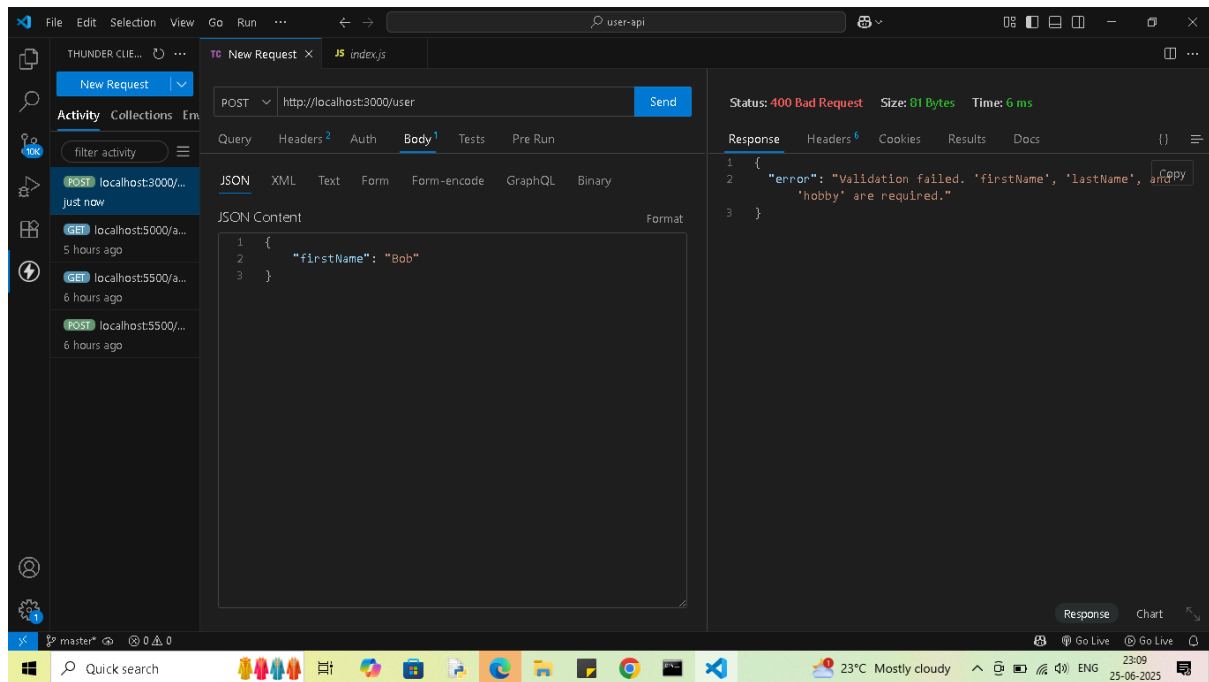## ✅Test Case 4: Add User (Missing Field – Error Case)

Method: POST
Endpoint: /user
Request Body:

```
{
    "firstName": "Bob"
}
```

Expected Response: Status 400 Bad Request with error message
 Screenshot:
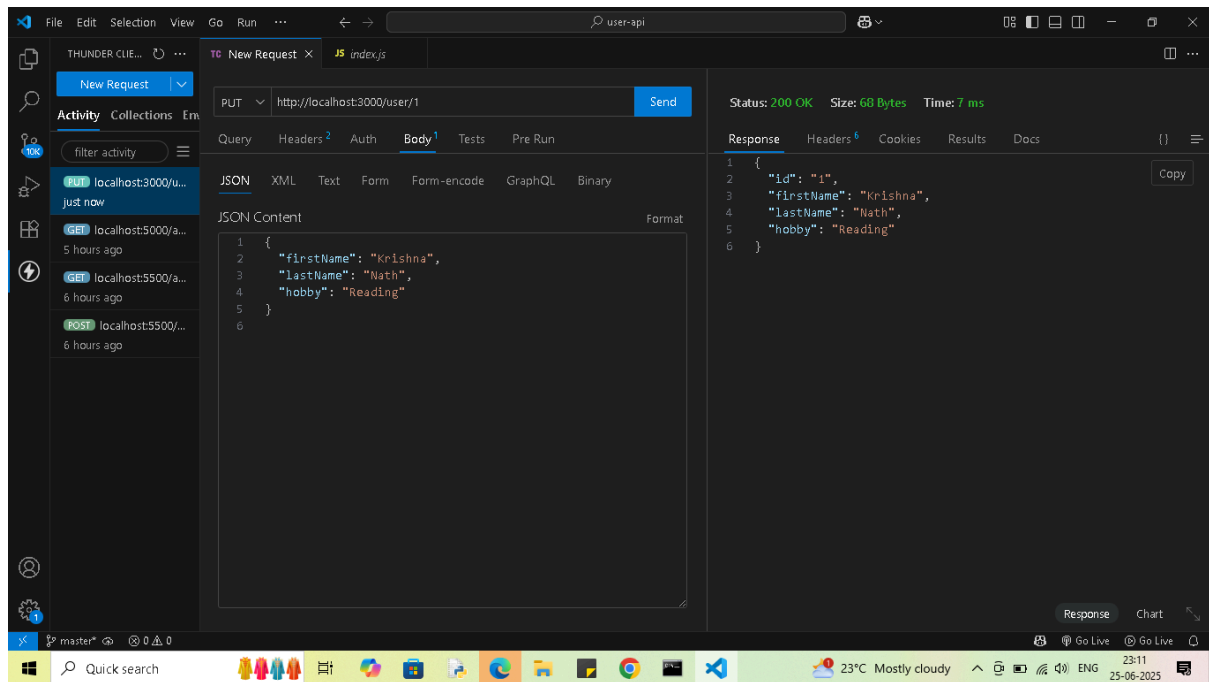

Test Case 5: Update Existing User

Method: PUT
 Endpoint: /user/1
 Request Body:

```
{
  "firstName": "Krishna",
  "lastName": "Nath",
  "hobby": "Reading"
}
```

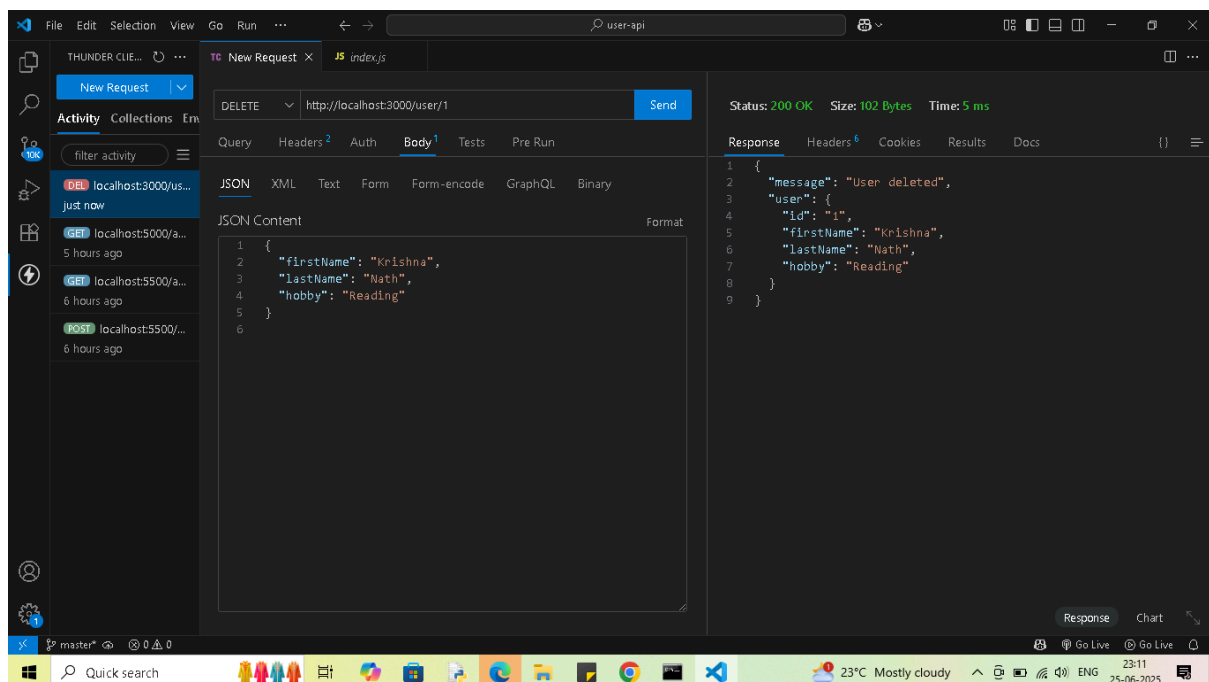**Expected Response:** Updated user object

Screenshot:

Test Case 6: Delete User by ID

Method: DELETE

Endpoint: /user/1

Expected Response: Confirmation message + deleted user details

Screenshot:

Notes:

- All tests were performed using **ThunderClient in VS Code**.

- API was running locally at `http://localhost:3000`.