

BASIC NODEJS APP

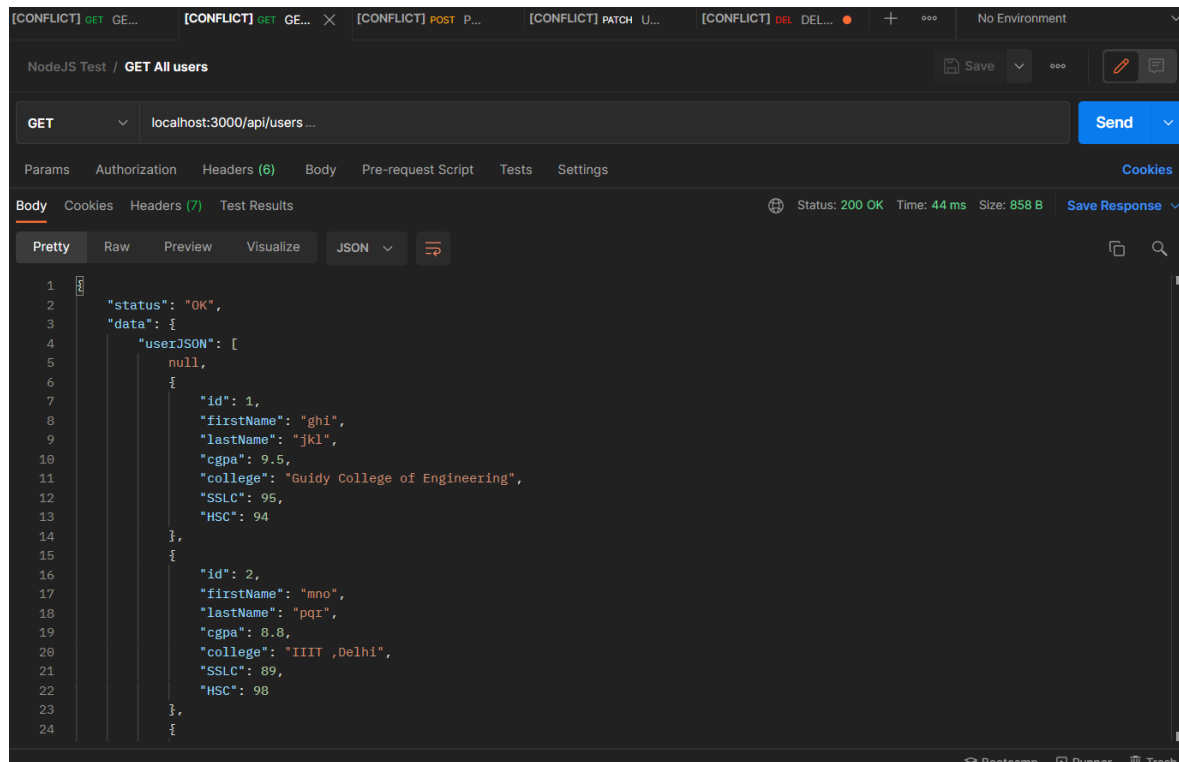
These are files :

- app.js** : Requiring the modules ,implementing middlewares and routers
- server.js** : Starting a server which listens to port number
- userRouters.js** : Routes the data according to the http method
- userController.js** : Implementing the application logic

OUTPUT :

Tested using postman

Handling the GET Request (All Users) :



The screenshot shows the Postman interface with a GET request to `localhost:3000/api/users...` sent successfully. The response status is 200 OK, with a time of 44 ms and a size of 858 B. The response body is displayed in JSON format, showing a successful status and an array of user data.

```
1  [
2    "status": "OK",
3    "data": {
4      "userJSON": [
5        null,
6        {
7          "id": 1,
8          "firstName": "ghi",
9          "lastName": "jkl",
10         "cgpa": 9.5,
11         "college": "Guidy College of Engineering",
12         "SSLC": 95,
13         "HSC": 94
14       },
15       {
16         "id": 2,
17         "firstName": "mno",
18         "lastName": "pqr",
19         "cgpa": 8.8,
20         "college": "IIIT ,Delhi",
21         "SSLC": 89,
22         "HSC": 98
23       }
24     ]
25   }
26 ]
```

Handling the POST request :

[CONFLICT] GET GE...[CONFLICT] GET GE...[CONFLICT] POST P...[CONFLICT] PATCH U...[CONFLICT] DEL DEL...+...No Environment

NodeJS Test / POST user

Save

POSTlocalhost:3000/api/users

Send

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettingsCookies

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSONBeautify

```
1
2
3
4
5
6
7
8
9
{
  "id": 0,
  "firstName": "abcdef",
  "lastName": "1234",
  "cgpa": 9.0,
  "college": "Indian Institute of Information Technology",
  "SSLC": 99,
  "HSC": 99
}
```

BodyCookiesHeaders (7)Test Results

Status: 201 CreatedTime: 462 msSize: 426 BSave Response

PrettyRawPreviewVisualizeJSON

```
1
2
3
4
5
6
7
8
9
10
{
  "status": "Written successfully",
  "data": {
    "newObject": {
      "id": 0,
      "firstName": "abcdef",
      "lastName": "1234",
      "cgpa": 9,
      "college": "Indian Institute of Information Technology",
      "SSLC": 99,

```

GET request of a specific user :

[CONFLICT] GET ([CONFLICT] GET ([CONFLICT] POST[CONFLICT] PATCH[CONFLICT] DEL ([GET GET specif...+...No Environment

NodeJS Test / GET specific User

Save

GETlocalhost:3000/api/users/1

Send

ParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettingsCookies

Query Params

KEY	VALUE	DESCRIPTION		Bulk Edit
Key	Value	Description		

BodyCookiesHeaders (7)Test Results

Status: 200 OKTime: 32 msSize: 385 BSave Response

PrettyRawPreviewVisualizeJSON

```
1
2
3
4
5
6
7
8
9
10
11
12
13
14
{
  "status": "OK",
  "data": {
    "getData": {
      "id": 1,
      "firstName": "ghi",
      "lastName": "jkl",
      "cgpa": 9.5,
      "college": "Guidy College of Engineering",
      "SSLC": 95,
      "HSC": 94
    }
  }
}
```

PATCH request a particule user :

[CONFLICT] GET ([CONFLICT] GET ([CONFLICT] POST [CONFLICT] PATCH [CONFLICT] DEL [GET GET specif... + ... No Environment

NodeJS Test / UPDATE user

Save ...

Send

PATCHlocalhost:3000/api/users/2

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettingsCookies

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

123

... "college" : ... "IIIT ,Delhi"

BodyCookiesHeaders (7)Test Results

Status: 201 CreatedTime: 324 msSize: 393 BSave Response

PrettyRawPreviewVisualizeJSON

1234567891011121314

"status": "Updated successfully",
"data": {
 "getObject": {
 "id": 2,
 "firstName": "mno",
 "lastName": "pqr",
 "cgpa": 8.8,
 "college": "IIIT ,Delhi",
 "SSLC": 89,
 "HSC": 98
 }
}

DELETE Request of a particular user :

[CONFLICT] GET ([CONFLICT] GET ([CONFLICT] POST [CONFLICT] PATCH [CONFLICT] DEL [GET GET specif... + ... No Environment

NodeJS Test / DELETE user

Save ...

Send

DELETElocalhost:3000/api/users/10

ParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettingsCookies

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
Key	Value	Description	

BodyCookiesHeaders (7)Test Results

Status: 404 Not FoundTime: 7 msSize: 289 BSave Response

PrettyRawPreviewVisualizeJSON

1234

"status": "Not found",
"message": "Invalid data"

Console of the nodejs app

```
Hema Indukan@LAPTOP-5ANTHIC5 MINGW64 /d/Interview/Web Development/complete-node-bootcamp/MyAPI (master)
$ node server.js
The server is started and listens at port 3000
POST /api/users 201 414.751 ms - 185
{
  id: 1,
  firstName: 'ghi',
  lastName: 'jkl',
  cgpa: 9.5,
  college: 'Guidy College of Engineering',
  SSLC: 95,
  HSC: 94
}
GET /api/users/1 200 9.108 ms - 149
IIIT ,Delhi
PATCH /api/users/2 201 310.708 ms - 152
undefined
DELETE /api/users/10 404 1.412 ms - 47
█
```