

## GangadharGowdJogi

### HW#6

Completed Create API tutorial and installed all the required packages and developed the project.

Attached Screenshots for **GET, POST, PATCH and DELETE** API Calls.

Creating npm path and installed the packages.

```
C:\Windows\System32\cmd.e  X  +  v
Microsoft Windows [Version 10.0.22631.4037]
(c) Microsoft Corporation. All rights reserved.

D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>nvm -v
1.1.12

D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>node -v
v16.20.2

D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>npm init -y
Wrote to D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3\package.json:

{
  "name": "createapi_node_week3",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}

D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>
```

```
C:\Windows\System32\cmd.e  X  +  v
D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>npm install express
added 65 packages, and audited 66 packages in 2s

13 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>npm install nodemon
added 29 packages, and audited 95 packages in 1s

17 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>npm install mongoose
added 20 packages, and audited 115 packages in 4s

18 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>
```

```
C:\Windows\System32\cmd.e x + v

run 'npm fund' for details
found 0 vulnerabilities

D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>npm install nodemon
added 29 packages, and audited 95 packages in 1s

17 packages are looking for funding
  run 'npm fund' for details

found 0 vulnerabilities

D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>npm install mongoose
added 20 packages, and audited 115 packages in 4s

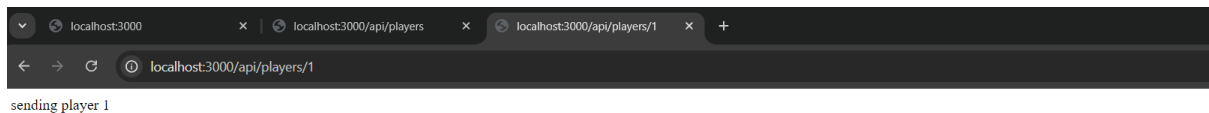
18 packages are looking for funding
  run 'npm fund' for details

found 0 vulnerabilities

D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>node server.js
Example app listening on port ${port}
^C
D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>node server.js
Example app listening on port ${port}
```

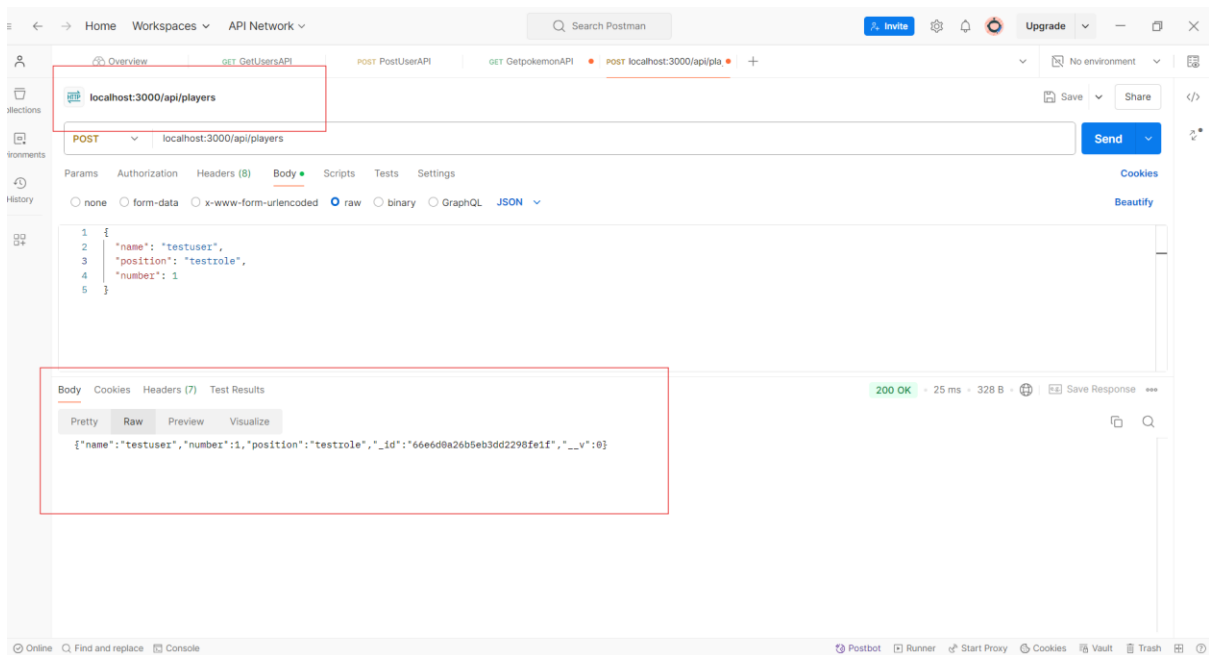
Able to call the localhost from the browser once server started



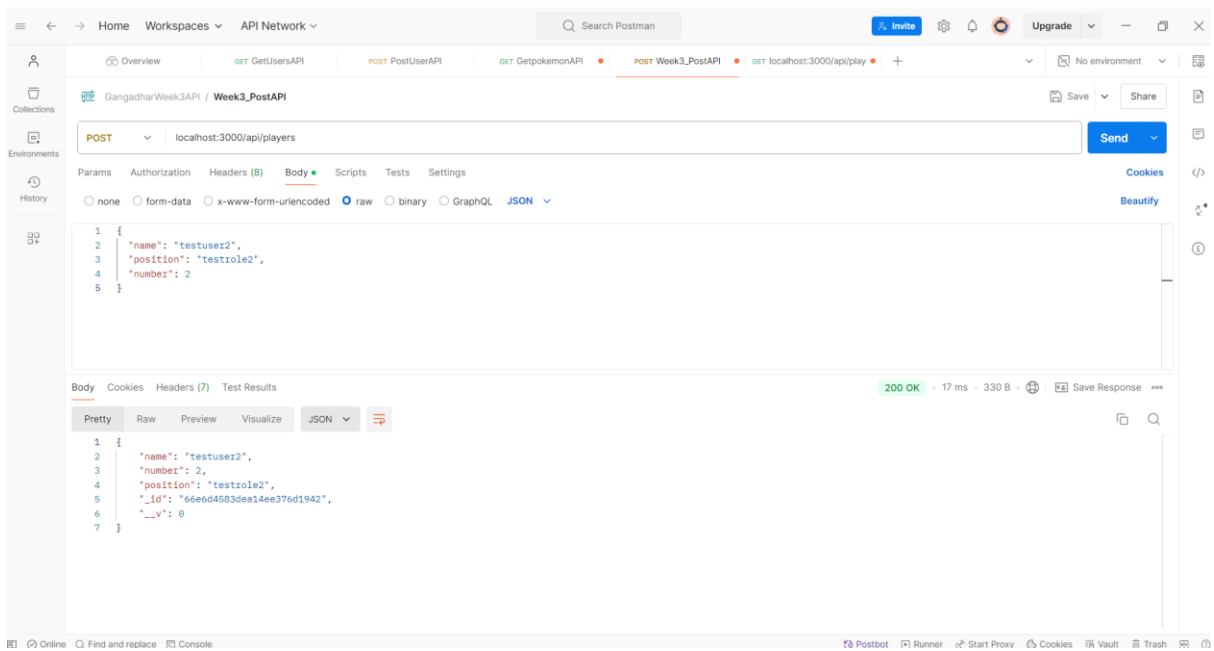


## POST API

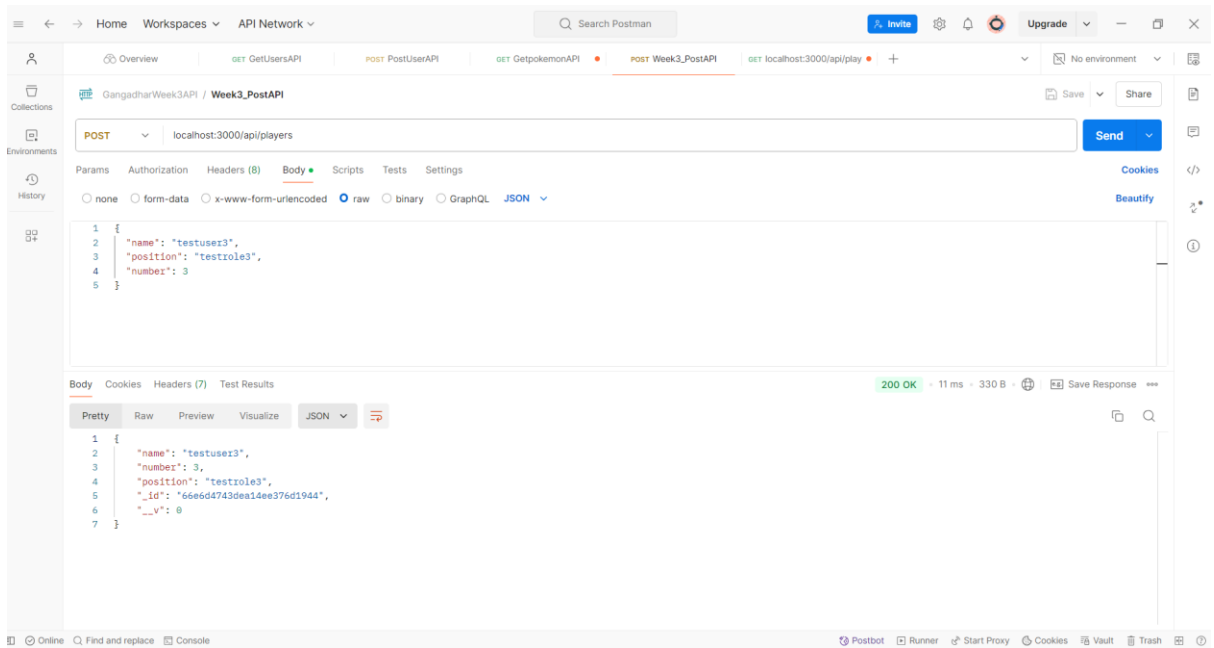
URL: localhost:3000/api/players



User#2

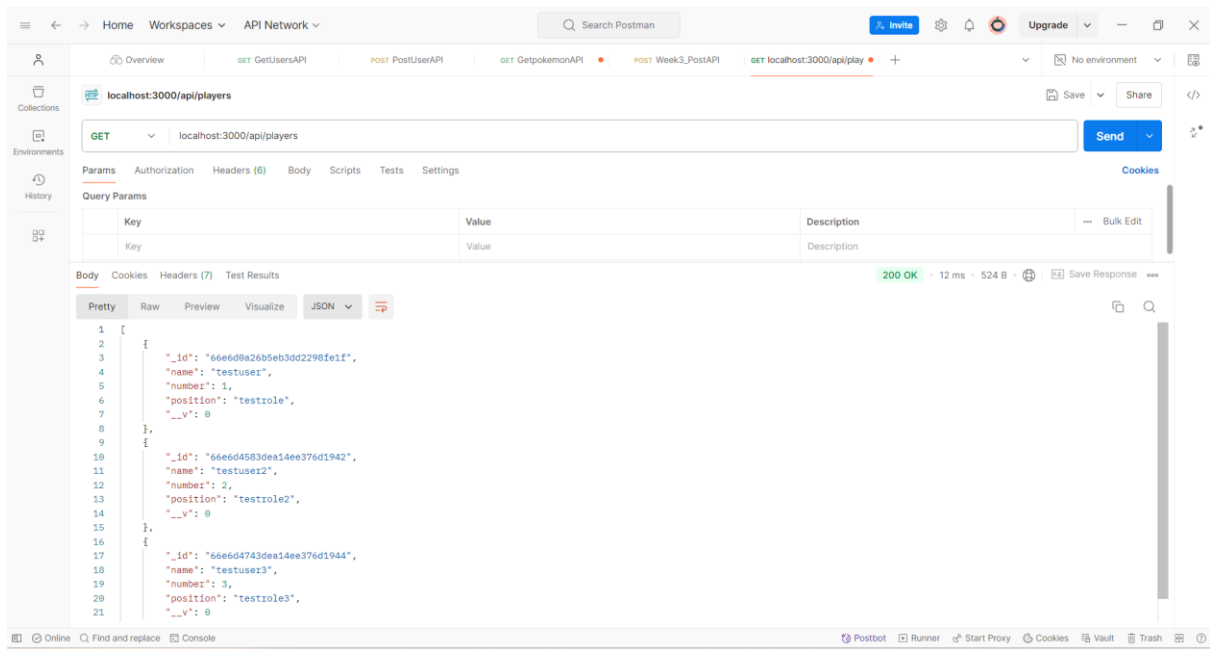


## User#3

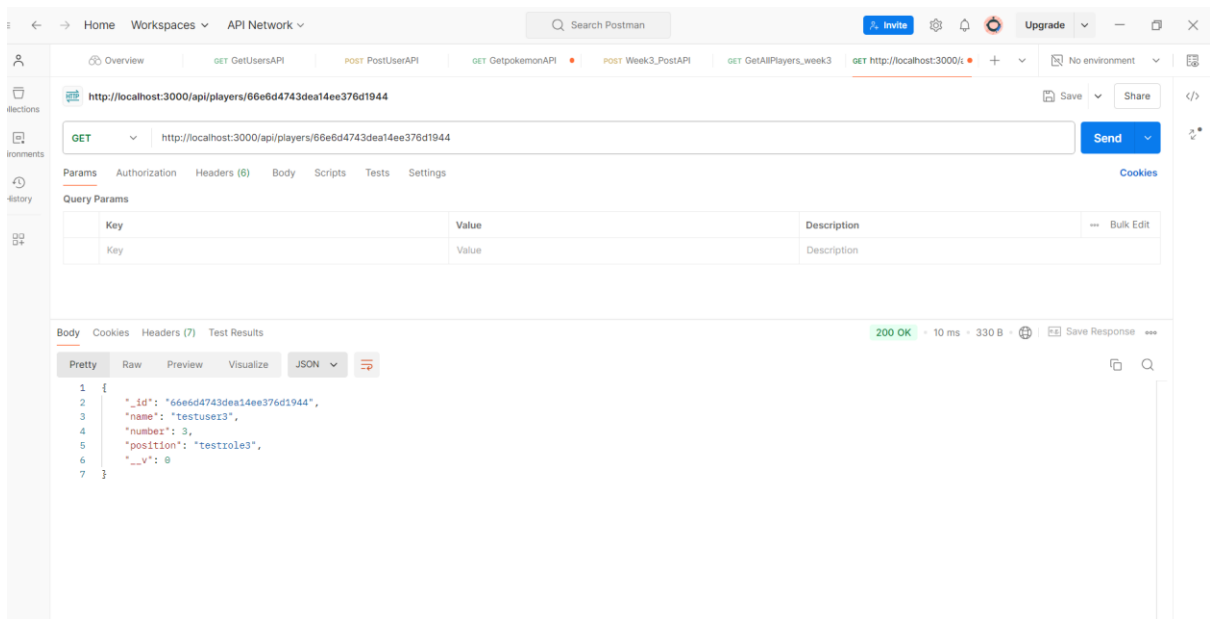


## GET API

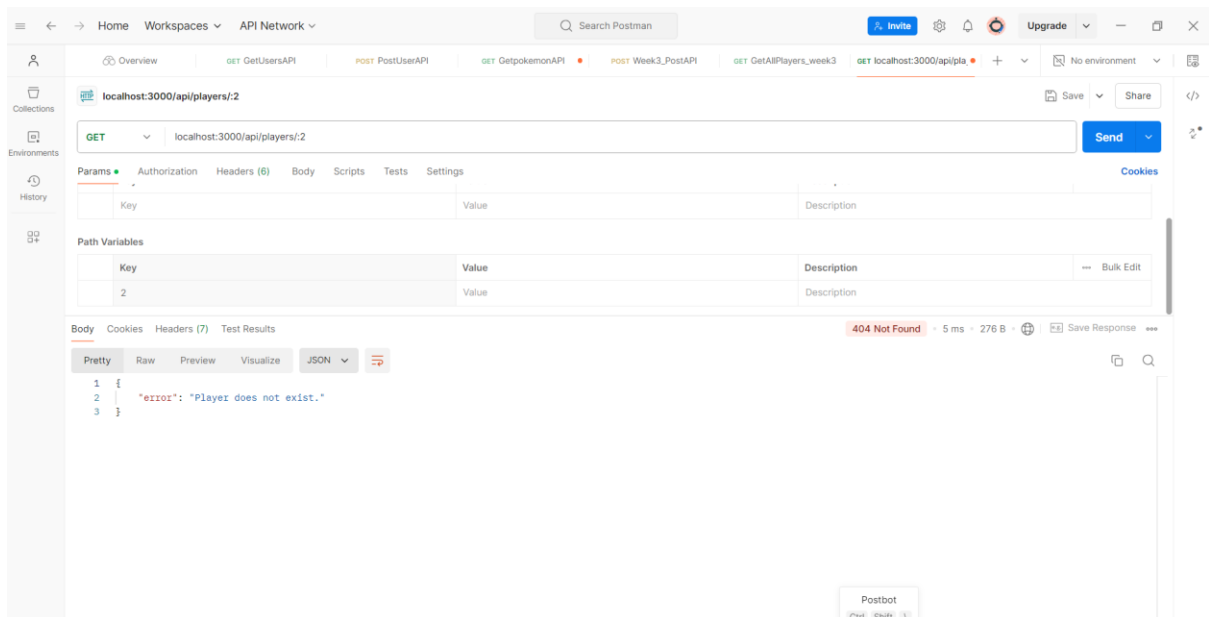
### All players



## GET API for Single Player

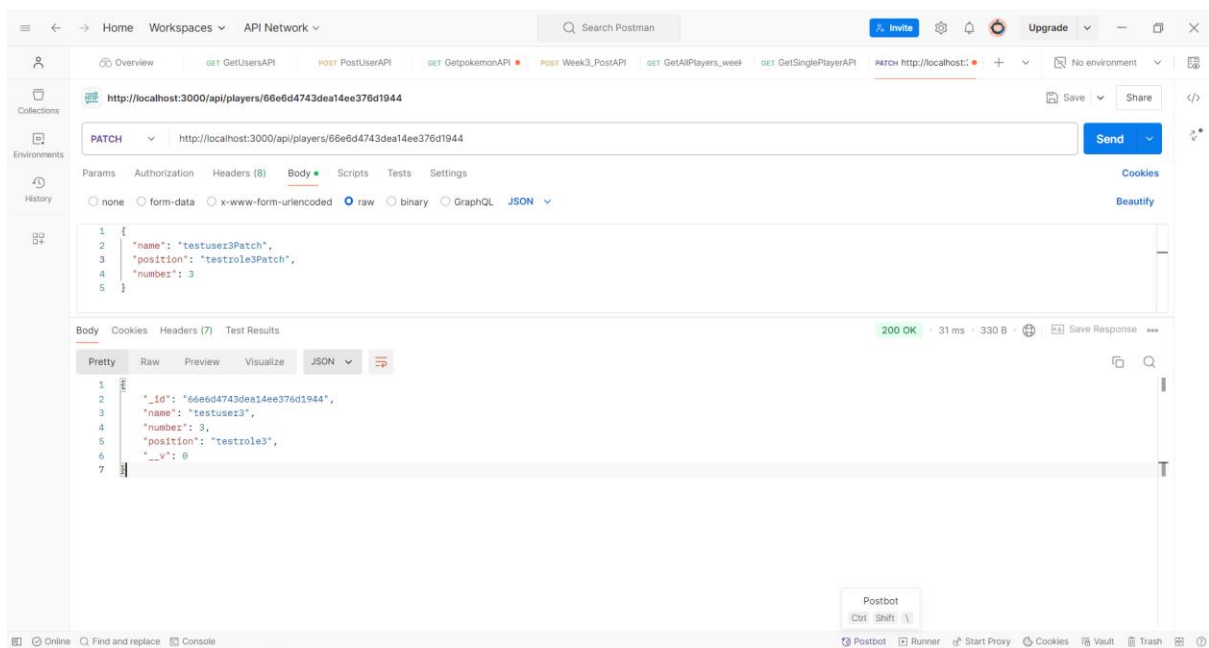


Error code when invalid ID entered to the API

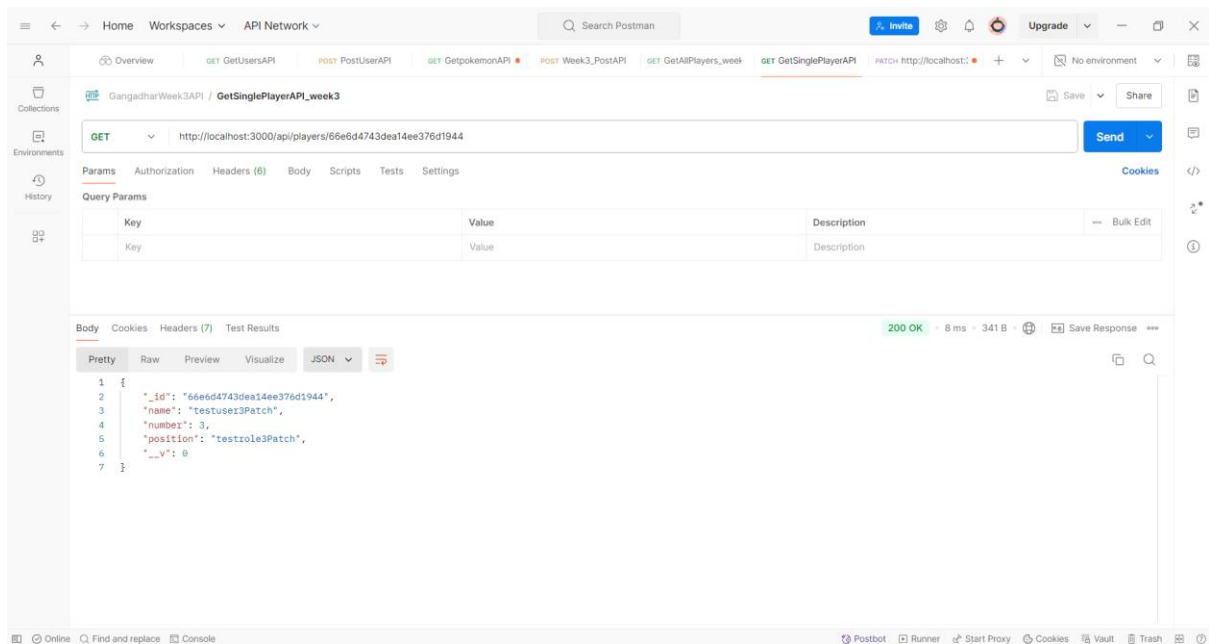


## PATCH API

url: `http://localhost:3000/api/players/66e6d4743dea14ee376d1944`

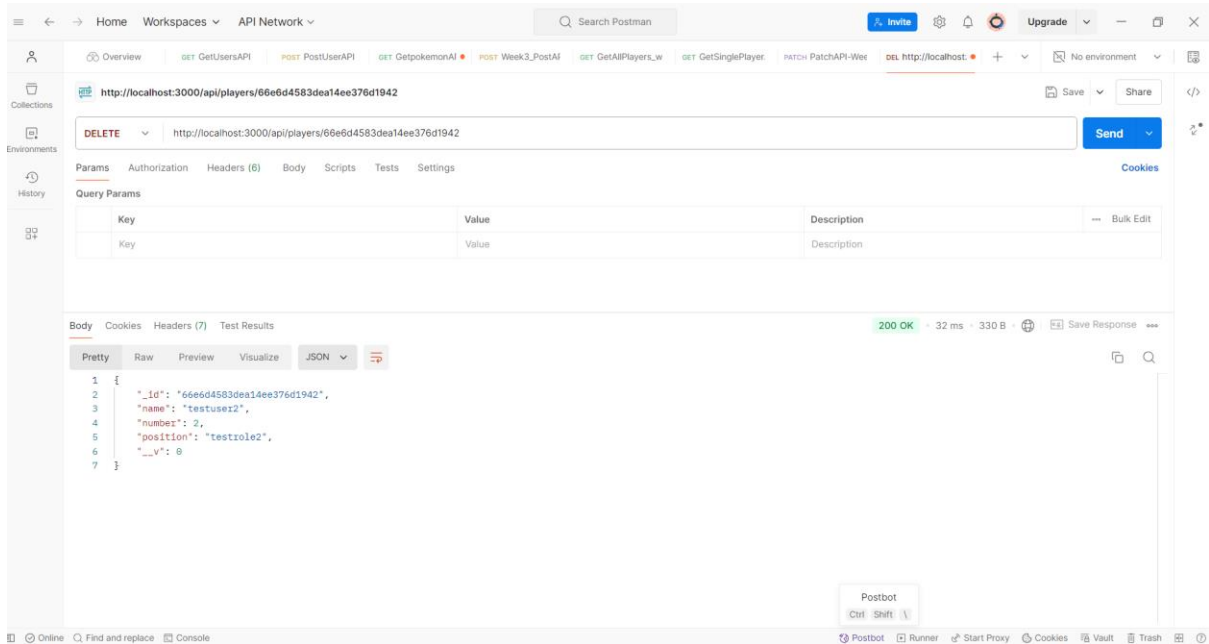


## Get API after Patch API

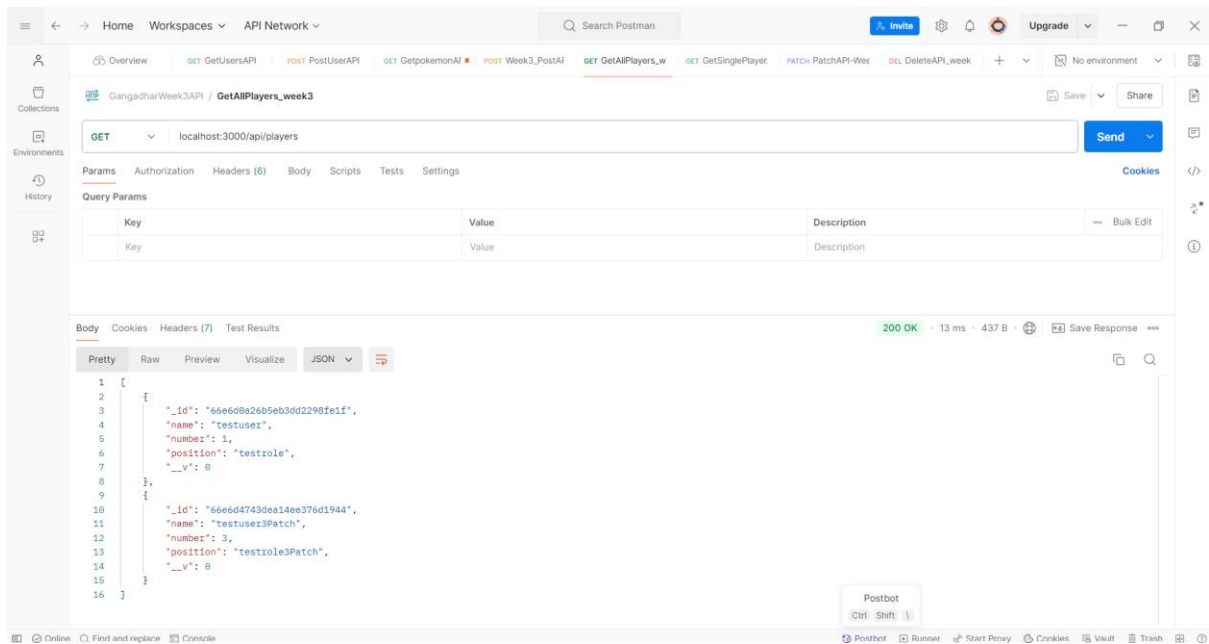


## Delete API

url: `http://localhost:3000/api/players/66e6d4583dea14ee376d1942`



## Get All players API



Server.js listening api calls

```
C:\Windows\System32\cmd.e  x  +  v

D:\Assignments\gangadar\RestAPI\CreateAPI_Node_Week3>node server.js
Connected to MongoDB
Example app listening on port3000
/api/players GET
/api/players GET
/api/players POST
/api/players POST
/api/players POST
/api/players GET
/api/players/2 GET
/api/players/:2 GET
/api/players/:66e6d4743dea14ee376d1944 GET
/api/players/66e6d4743dea14ee376d1944 GET
/api/players/66e6d4743dea14ee376d1944 POST
/api/players/66e6d4743dea14ee376d1944 GET
/api/players/66e6d4743dea14ee376d1944 PATCH
/api/players/66e6d4743dea14ee376d1944 GET
/api/players/66e6d4743dea14ee376d1944 GET
/api/players/66e6d4583dea14ee376d1942 DELETE
/api/players GET
```