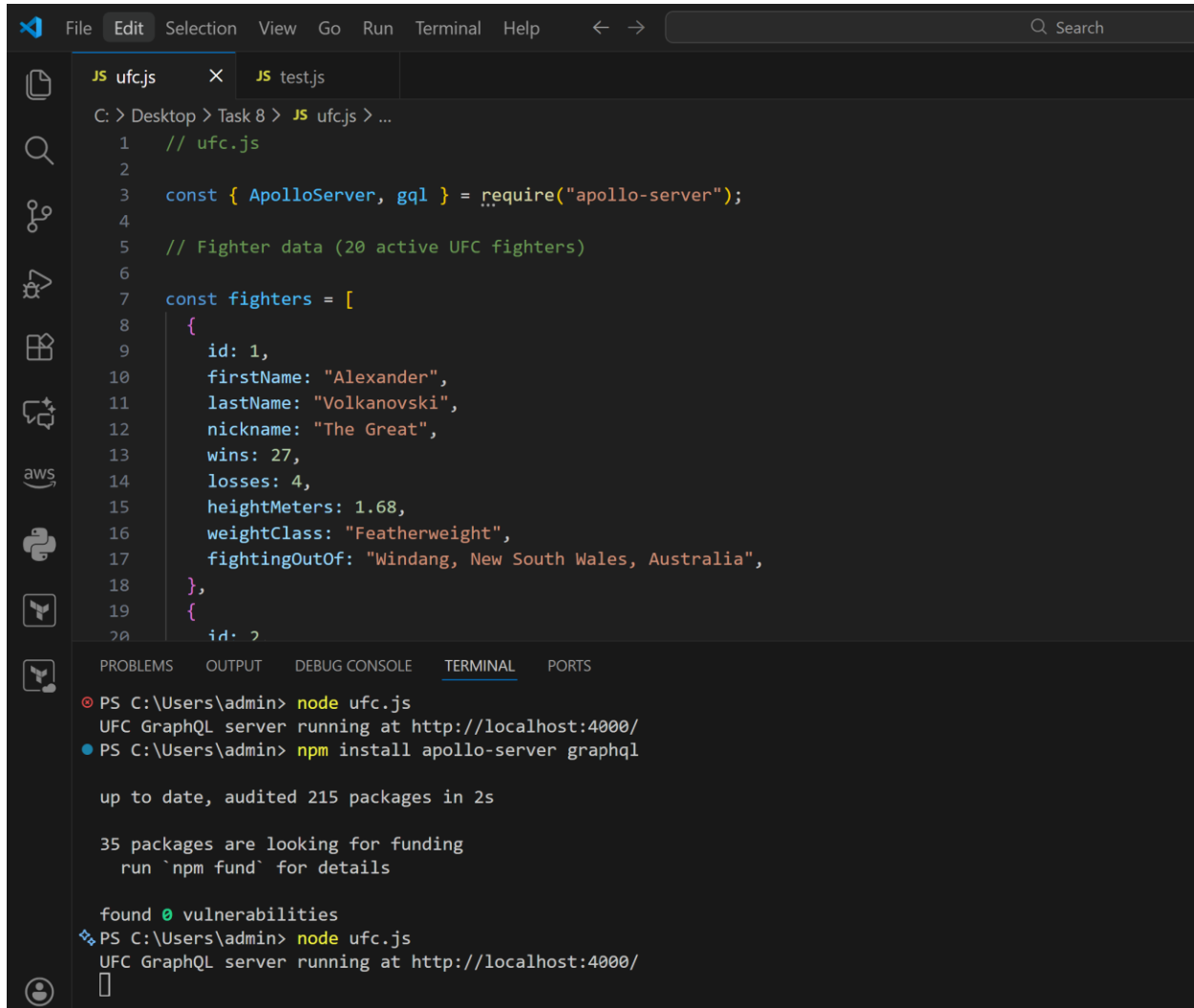


## UFC-GraphQL-API

Code Edit on VS Code, Testing Using test.js and <http://localhost:4000/>



The screenshot shows the VS Code editor with two files open: `ufc.js` and `test.js`. The `ufc.js` file contains the following code:

```
1 // ufc.js
2
3 const { ApolloServer, gql } = require("apollo-server");
4
5 // Fighter data (20 active UFC fighters)
6
7 const fighters = [
8   {
9     id: 1,
10    firstName: "Alexander",
11    lastName: "Volkanovski",
12    nickname: "The Great",
13    wins: 27,
14    losses: 4,
15    heightMeters: 1.68,
16    weightClass: "Featherweight",
17    fightingOutOf: "Windang, New South Wales, Australia",
18   },
19   {
20     id: 2
```

The terminal output shows the following commands and results:

```
PS C:\Users\admin> node ufc.js
UFC GraphQL server running at http://localhost:4000/

PS C:\Users\admin> npm install apollo-server graphql

up to date, audited 215 packages in 2s

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

found 0 vulnerabilities
PS C:\Users\admin> node ufc.js
UFC GraphQL server running at http://localhost:4000/
```

TESTING

Operation

Run

```
1 query {
2   fighterByName(name: "Max Holloway") {
3     id
4     fullName
5     nickname
6     wins
7     losses
8     heightMeters
9     weightClass
10    fightingOutOf
11  }
12 }
13
```

Response

200 40.0ms 202E

```
{
  "data": {
    "fighterByName": {
      "id": "4",
      "fullName": "Max Holloway",
      "nickname": "Blessed",
      "wins": 27,
      "losses": 8,
      "heightMeters": 1.8,
      "weightClass": "Lightweight",
      "fightingOutOf": "Waianae, Hawaii, United States"
    }
  }
}
```

Variables Headers Pre-Operation Script Post-Operation

1

JSON

+ Add files

Operation

Run

```
1 query {
2   fightersByWeightClass(weightClass:
3     "Welterweight") {
4     id
5     fullName
6     nickname
7     wins
8     losses
9     heightMeters
10    weightClass
11    fightingOutOf
12  }
13 }
```

Response

200 18.0ms 760B

```
{
  "data": {
    "fightersByWeightClass": [
      {
        "id": "2",
        "fullName": "Islam Makhachev",
        "nickname": "N/A",
        "wins": 28,
        "losses": 1,
        "heightMeters": 1.78,
        "weightClass": "Welterweight",
        "fightingOutOf": "Makhachkala, Dagestan, Russia"
      },
      {
        "id": "3",
        "fullName": "Leon Edwards",
        "nickname": "Rocky",
        "wins": 22,
        "losses": 6,
        "heightMeters": 1.88,
        "weightClass": "Welterweight",
        "fightingOutOf": "Birmingham, England"
      },
      {
        "id": "8",
        "fullName": "Kamaru Usman",

```

Variables Headers Pre-Operation Script Post-Operation

1

JSON

+ Add files

