

Desarrollo Web Integral

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1220100350

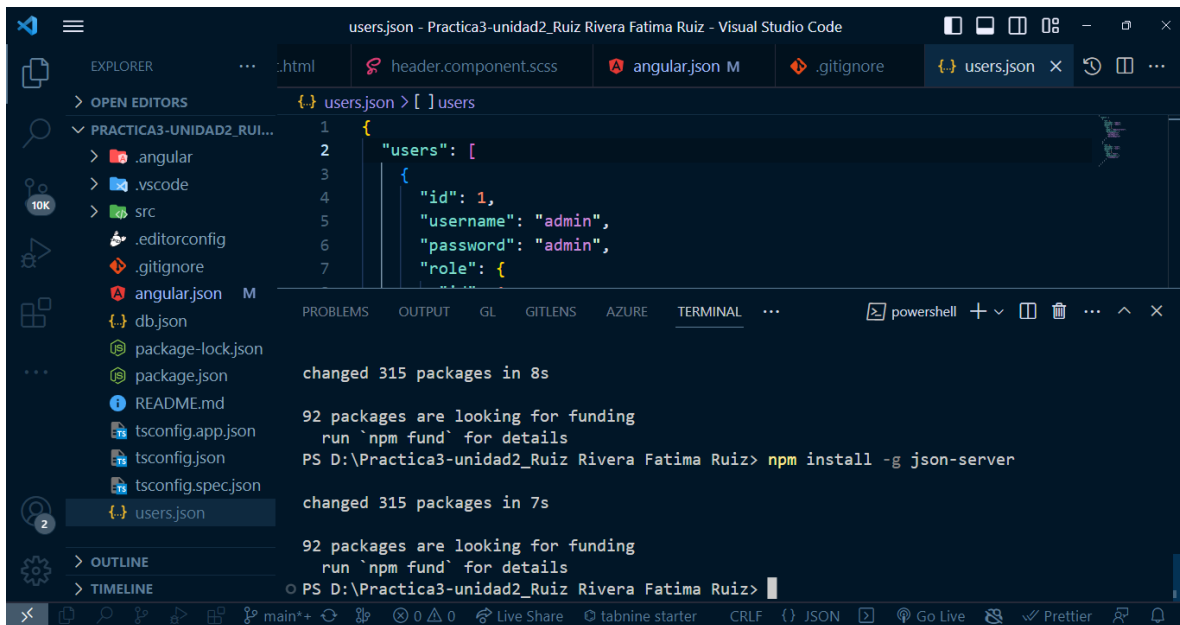
GDGS0391

DOCENTE:

Gabriel Barrón Rodriguez

06/julio/2023

Instalar el json-server

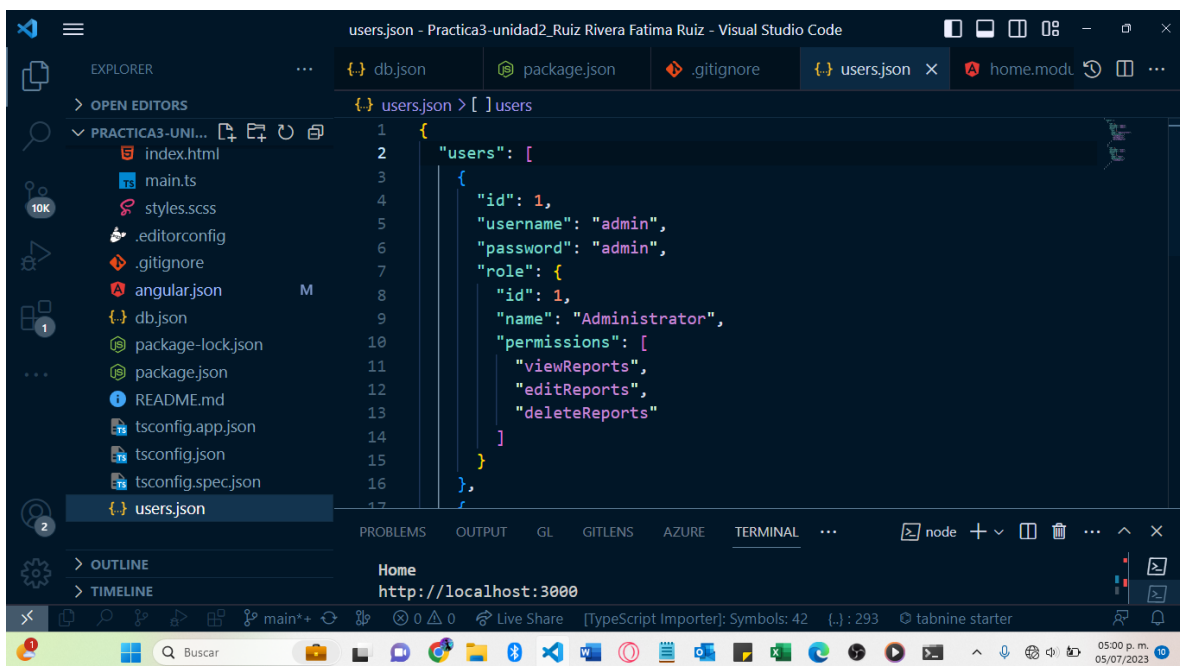


The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying a project structure. The main editor shows the `users.json` file with the following content:

```
1 {
2   "users": [
3     {
4       "id": 1,
5       "username": "admin",
6       "password": "admin",
7       "role": {
```

The terminal at the bottom shows the command `npm install -g json-server` being executed. The output indicates that 315 packages were changed in 8 seconds, and 92 packages are looking for funding. The prompt shows the user is in the directory `PS D:\Practica3-unidad2_Ruiz Rivera Fatima Ruiz>`.

Se crea el archivo users.json

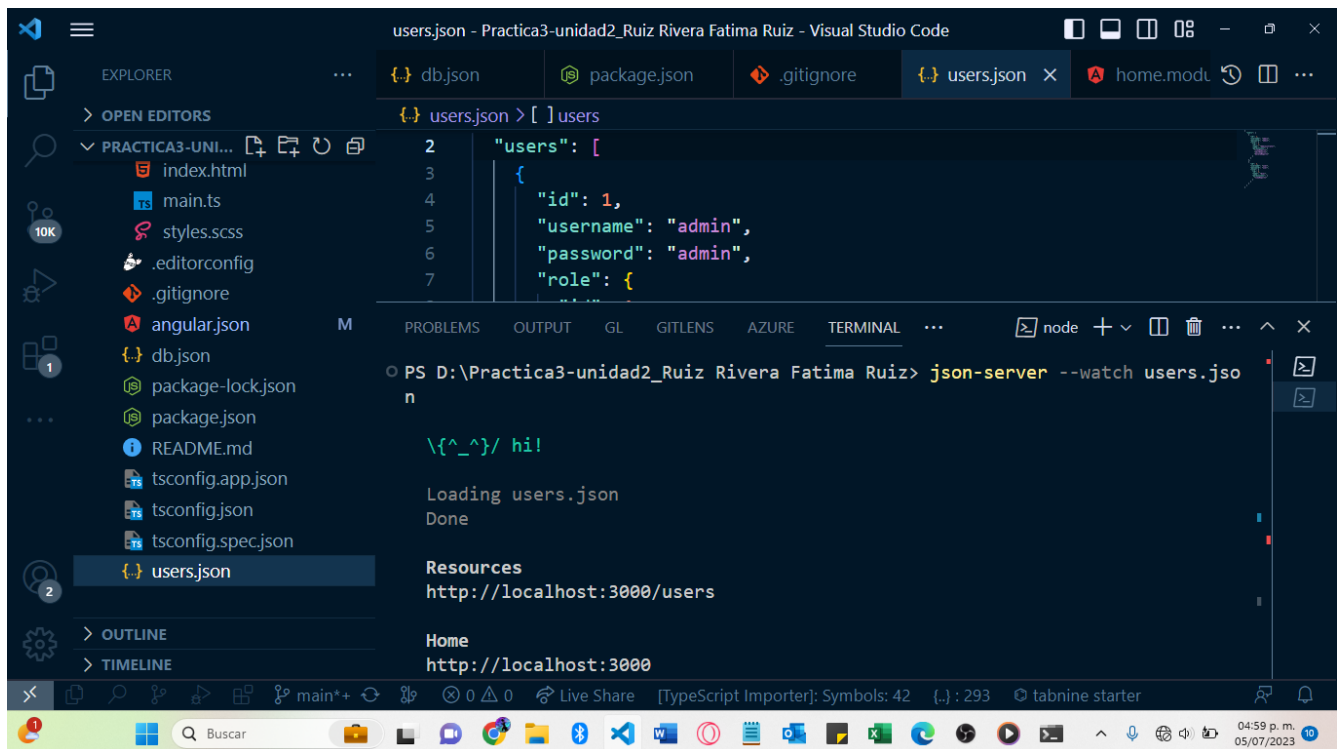


The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying a project structure. The main editor shows the `users.json` file with the following content:

```
1 {
2   "users": [
3     {
4       "id": 1,
5       "username": "admin",
6       "password": "admin",
7       "role": {
8         "id": 1,
9         "name": "Administrator",
10        "permissions": [
11          "viewReports",
12          "editReports",
13          "deleteReports"
14        ]
15      }
16    },
17    ...
18  ]
19 }
```

The terminal at the bottom shows the command `node` being executed, and the output indicates that the server is running at `http://localhost:3000`.

Se inicia el db.json



The screenshot shows the Visual Studio Code interface. The Explorer panel on the left displays the file structure of the project, including db.json, package.json, .gitignore, users.json, and various configuration files. The main editor area shows the content of users.json, which is a JSON array of user objects. The terminal at the bottom shows the command `json-server --watch users.json` being executed, and the output indicates that the server is running on `http://localhost:3000/users`.

```
users.json - Practica3-unidad2_Ruiz Rivera Fatima Ruiz - Visual Studio Code
db.json package.json .gitignore users.json x home.modu
users.json > [ ] users
2 "users": [
3   {
4     "id": 1,
5     "username": "admin",
6     "password": "admin",
7     "role": {
8       "id": 1,
9       "name": "Administrator",
10      "permissions": [
11        "viewReports",
12        "editReports",
13        "deleteReports"
14      ]
15    }
16  },
17  {
18    "id": 2,
19    "username": "user",
20    "password": "user",
21    "role": {
22      "id": 2,
23      "name": "User",
24      "permissions": [
25        "viewReports"
26      ]
27    }
28  }
29 ]
```

```
PS D:\Practica3-unidad2_Ruiz Rivera Fatima Ruiz> json-server --watch users.json
n
\{^_^}/ hi!

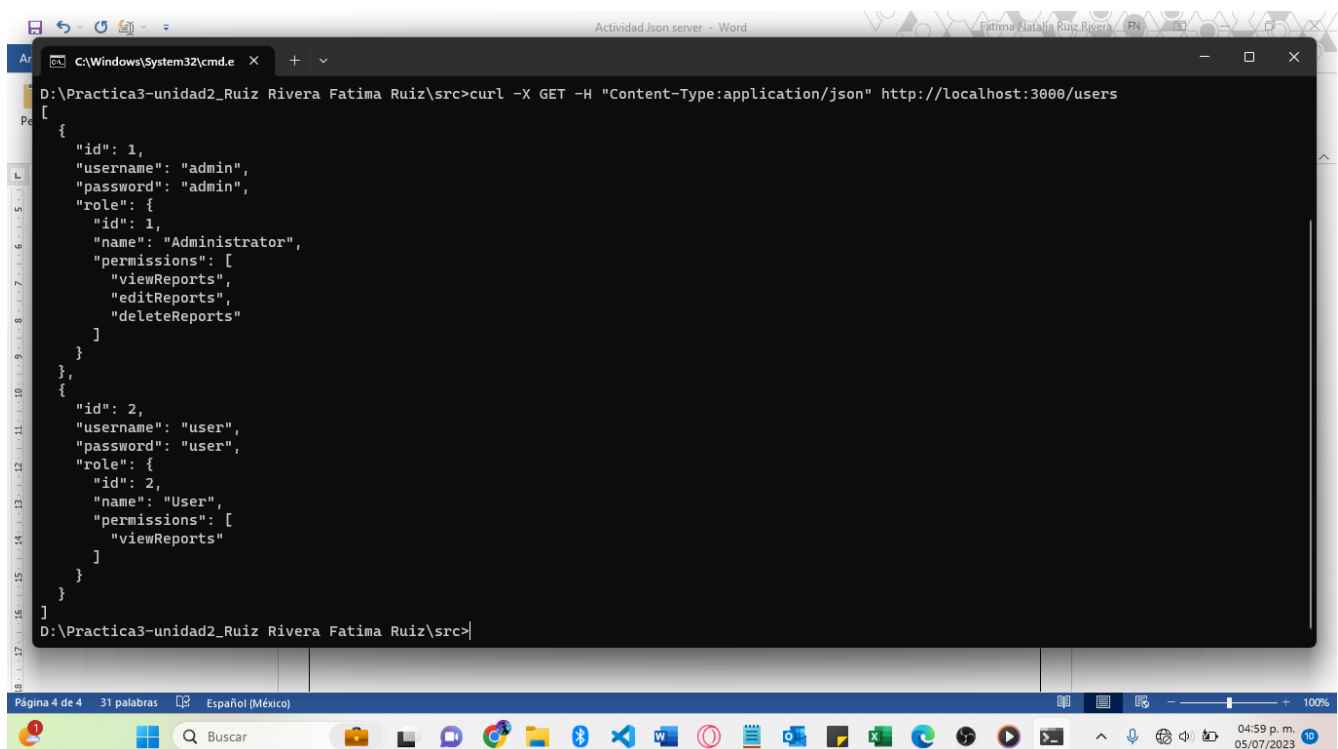
Loading users.json
Done

Resources
http://localhost:3000/users

Home
http://localhost:3000
```

Consultar todos los usuarios

`curl -X GET -H "Content-Type: application/json" http://localhost:3000/users`



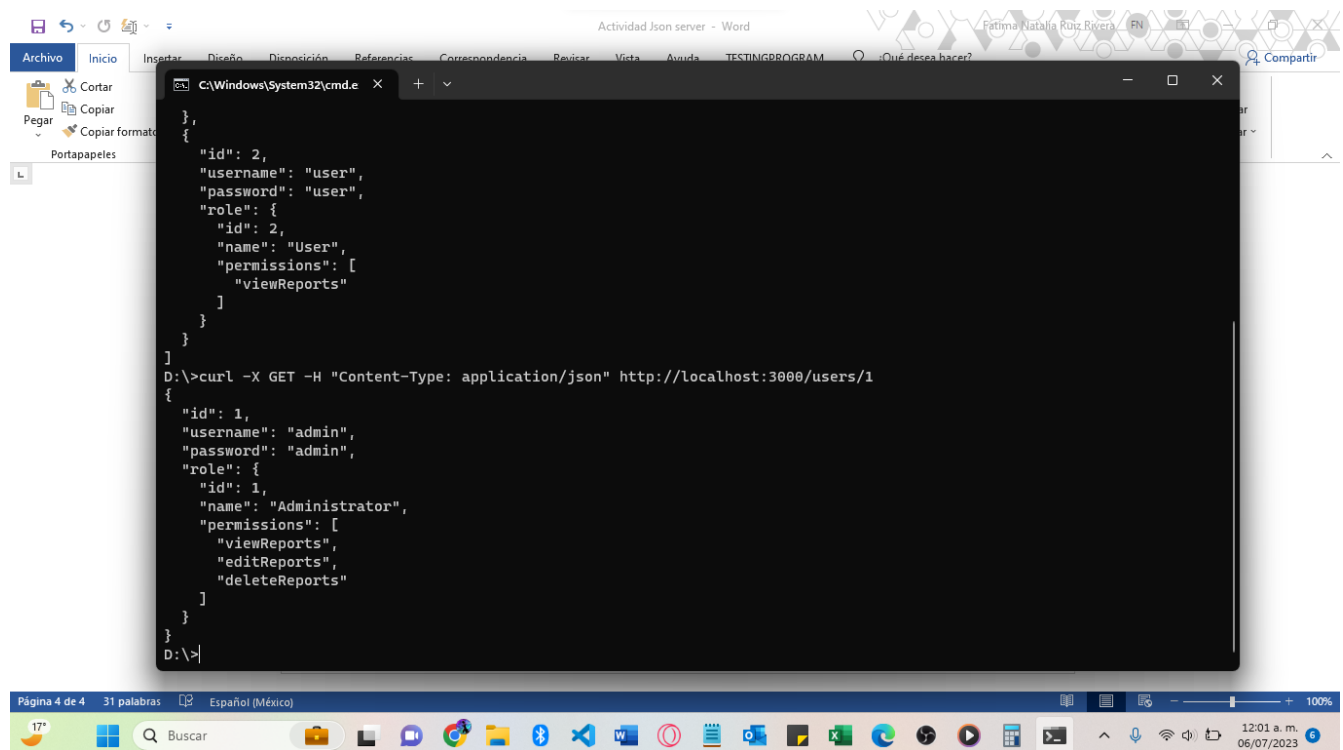
The screenshot shows a Windows command prompt window with the command `curl -X GET -H "Content-Type: application/json" http://localhost:3000/users` executed. The output is a JSON array of two user objects, matching the content of users.json in the previous screenshot.

```
D:\Practica3-unidad2_Ruiz Rivera Fatima Ruiz> curl -X GET -H "Content-Type: application/json" http://localhost:3000/users
[
  {
    "id": 1,
    "username": "admin",
    "password": "admin",
    "role": {
      "id": 1,
      "name": "Administrator",
      "permissions": [
        "viewReports",
        "editReports",
        "deleteReports"
      ]
    }
  },
  {
    "id": 2,
    "username": "user",
    "password": "user",
    "role": {
      "id": 2,
      "name": "User",
      "permissions": [
        "viewReports"
      ]
    }
  }
]
```

Unidad III.- Integración de componentes de software para aplicaciones web.

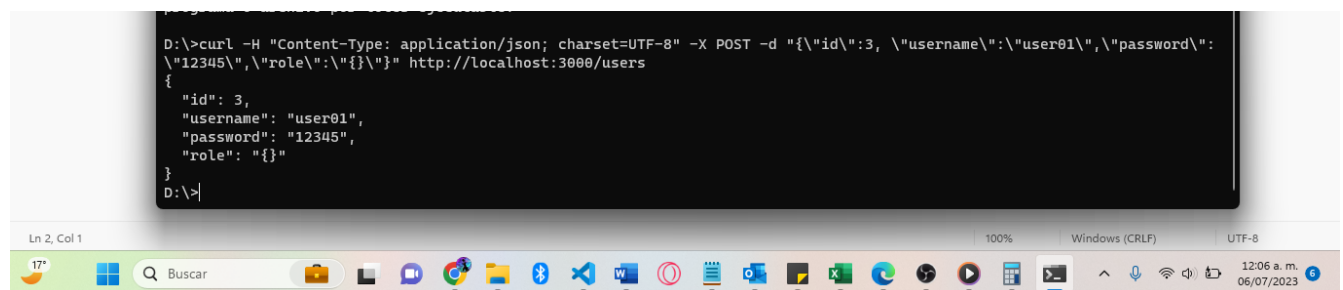
Consultar un usuario según su ID

```
curl -X GET -H "Content-Type: application/json" http://localhost:3000/users/1
```



```
C:\Windows\System32\cmd.exe
{
  "id": 2,
  "username": "user",
  "password": "user",
  "role": {
    "id": 2,
    "name": "User",
    "permissions": [
      "viewReports"
    ]
  }
}
]
D:\>curl -X GET -H "Content-Type: application/json" http://localhost:3000/users/1
{
  "id": 1,
  "username": "admin",
  "password": "admin",
  "role": {
    "id": 1,
    "name": "Administrator",
    "permissions": [
      "viewReports",
      "editReports",
      "deleteReports"
    ]
  }
}
D:\>
```

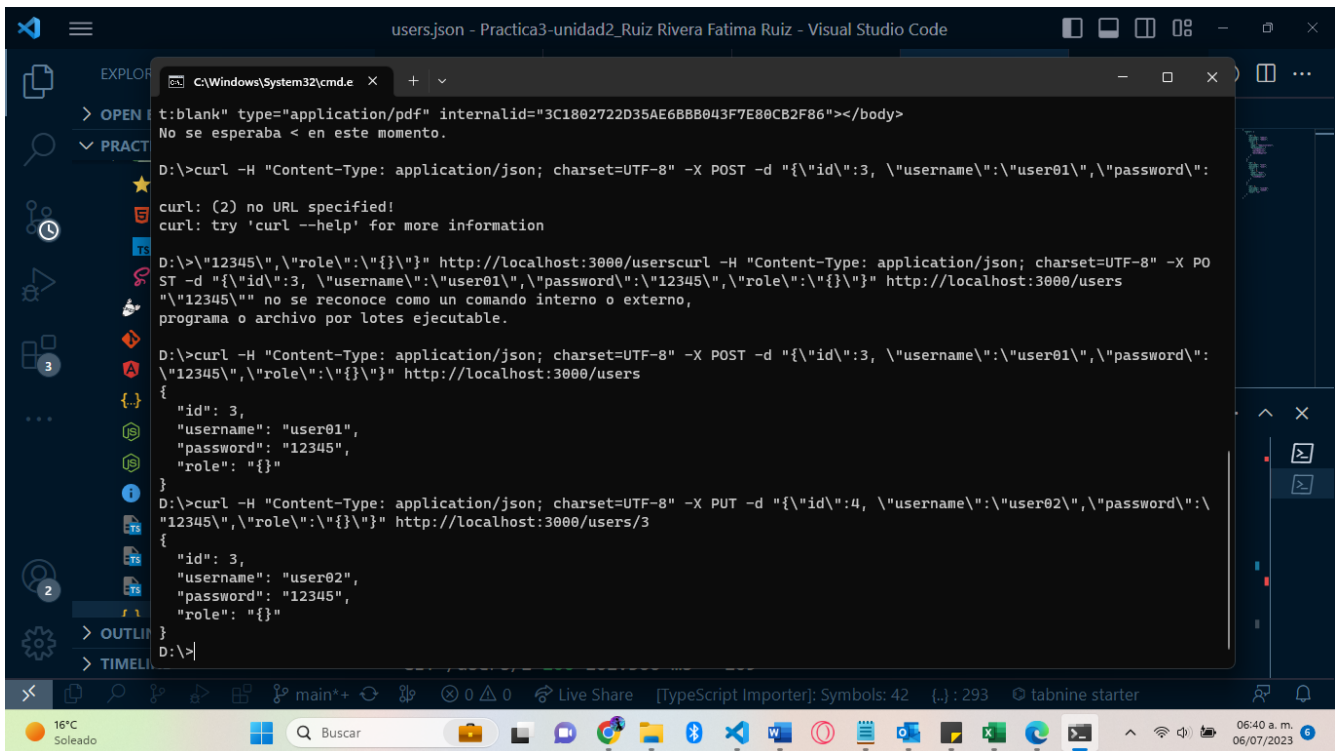
Se agrega un nuevo usuario



```
D:\>curl -H "Content-Type: application/json; charset=UTF-8" -X POST -d '{"id":3, "username":"user01","password":"12345","role":{"id":1,"name":"Administrator","permissions":["viewReports","editReports","deleteReports"]}}' http://localhost:3000/users
{
  "id": 3,
  "username": "user01",
  "password": "12345",
  "role": {
    "id": 1,
    "name": "Administrator",
    "permissions": [
      "viewReports",
      "editReports",
      "deleteReports"
    ]
  }
}
D:\>
```

Se edita el usuario 3

Unidad III.- Integración de componentes de software para aplicaciones web.



```
C:\Windows\System32\cmd.e x + v
t:blank" type="application/pdf" internalid="3C1802722D35AE68B8043F7E80CB2F86"></body>
No se esperaba < en este momento.

D:\>curl -H "Content-Type: application/json; charset=UTF-8" -X POST -d '{"id":3, "username":"user01","password":
curl: (2) no URL specified!
curl: try 'curl --help' for more information

D:\>\12345\", \"role\": \"{}\" http://localhost:3000/userscurl -H "Content-Type: application/json; charset=UTF-8" -X PO
ST -d '{"id":3, "username":"user01","password": \"12345\", \"role\": \"{}\" http://localhost:3000/users
\"12345\", \"role\": \"{}\" http://localhost:3000/users
no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.

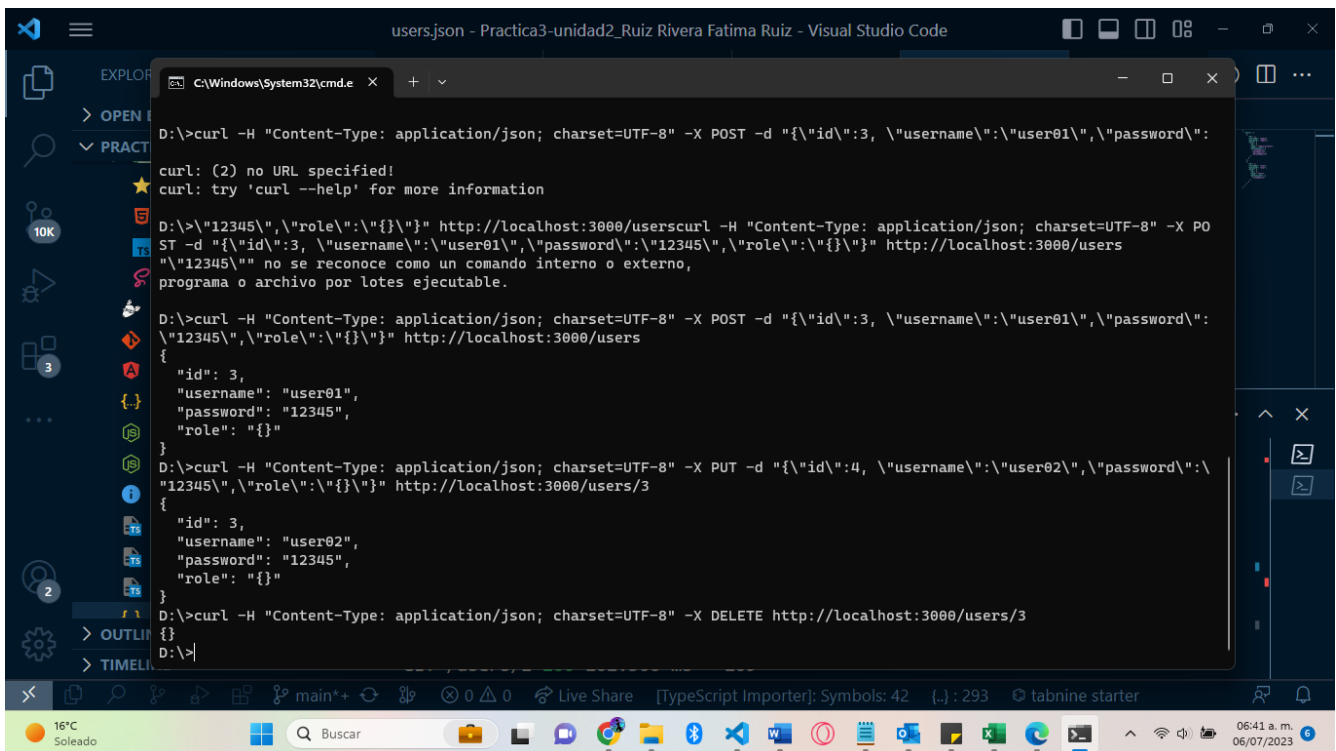
D:\>curl -H "Content-Type: application/json; charset=UTF-8" -X POST -d '{"id":3, \"username\":\"user01\", \"password\":
\"12345\", \"role\": \"{}\" http://localhost:3000/users
{
  "id": 3,
  "username": "user01",
  "password": "12345",
  "role": "{}"
}

D:\>curl -H "Content-Type: application/json; charset=UTF-8" -X PUT -d '{"id":4, \"username\":\"user02\", \"password\":
\"12345\", \"role\": \"{}\" http://localhost:3000/users/3
{
  "id": 3,
  "username": "user02",
  "password": "12345",
  "role": "{}"
}

D:\>curl -H "Content-Type: application/json; charset=UTF-8" -X DELETE http://localhost:3000/users/3
{}

D:\>
```

Se elimina el usuario 3



```
C:\Windows\System32\cmd.e x + v
D:\>curl -H "Content-Type: application/json; charset=UTF-8" -X POST -d '{"id":3, \"username\":\"user01\", \"password\":
curl: (2) no URL specified!
curl: try 'curl --help' for more information

D:\>\12345\", \"role\": \"{}\" http://localhost:3000/userscurl -H "Content-Type: application/json; charset=UTF-8" -X PO
ST -d '{"id":3, \"username\":\"user01\", \"password\": \"12345\", \"role\": \"{}\" http://localhost:3000/users
\"12345\", \"role\": \"{}\" http://localhost:3000/users
no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.

D:\>curl -H "Content-Type: application/json; charset=UTF-8" -X POST -d '{"id":3, \"username\":\"user01\", \"password\":
\"12345\", \"role\": \"{}\" http://localhost:3000/users
{
  "id": 3,
  "username": "user01",
  "password": "12345",
  "role": "{}"
}

D:\>curl -H "Content-Type: application/json; charset=UTF-8" -X PUT -d '{"id":4, \"username\":\"user02\", \"password\":
\"12345\", \"role\": \"{}\" http://localhost:3000/users/3
{
  "id": 3,
  "username": "user02",
  "password": "12345",
  "role": "{}"
}

D:\>curl -H "Content-Type: application/json; charset=UTF-8" -X DELETE http://localhost:3000/users/3
{}

D:\>
```

Evidencia de las acciones registradas en el servidor

Unidad III.- Integración de componentes de software para aplicaciones web.

The screenshot shows the Visual Studio Code interface. On the left, the Explorer sidebar displays the file structure of the 'Practica3-unidad2_Ruiz Rivera Fatima Ruiz' project. The file 'películas.json' is selected. The main editor window shows the content of 'películas.json', which is a JSON array with one object: `{ "id": 1, "nombre": "La Sirenita", "director": "Blake Harris", "año": 2020 }`. The bottom panel shows the Terminal with the output of the 'json-server' command, listing various API endpoints and their response times, such as 'GET /users 404 8.027 ms - 2' and 'DELETE /users/3 200 39.927 ms - 2'.

Práctica

- Crear un archivo películas.json
- Iniciar el servidor Json-Server
- Agregar las siguientes películas

películas.json - Practica3-unidad2_Ruiz Rivera Fatima Ruiz - Visual Studio Code

login.module.ts | extensions.json | .gitignore | películas.json

OPEN EDITORS

PRACTICA3-UNIDAD2_RUIZ RIVER...

- .vscode
- node_modules
- src
- .editorconfig
- .gitignore
- angular.json
- db.json
- package-lock.json
- package.json
- películas.json
- README.md
- tsconfig.app.json
- tsconfig.json
- tsconfig.spec.json
- users.json

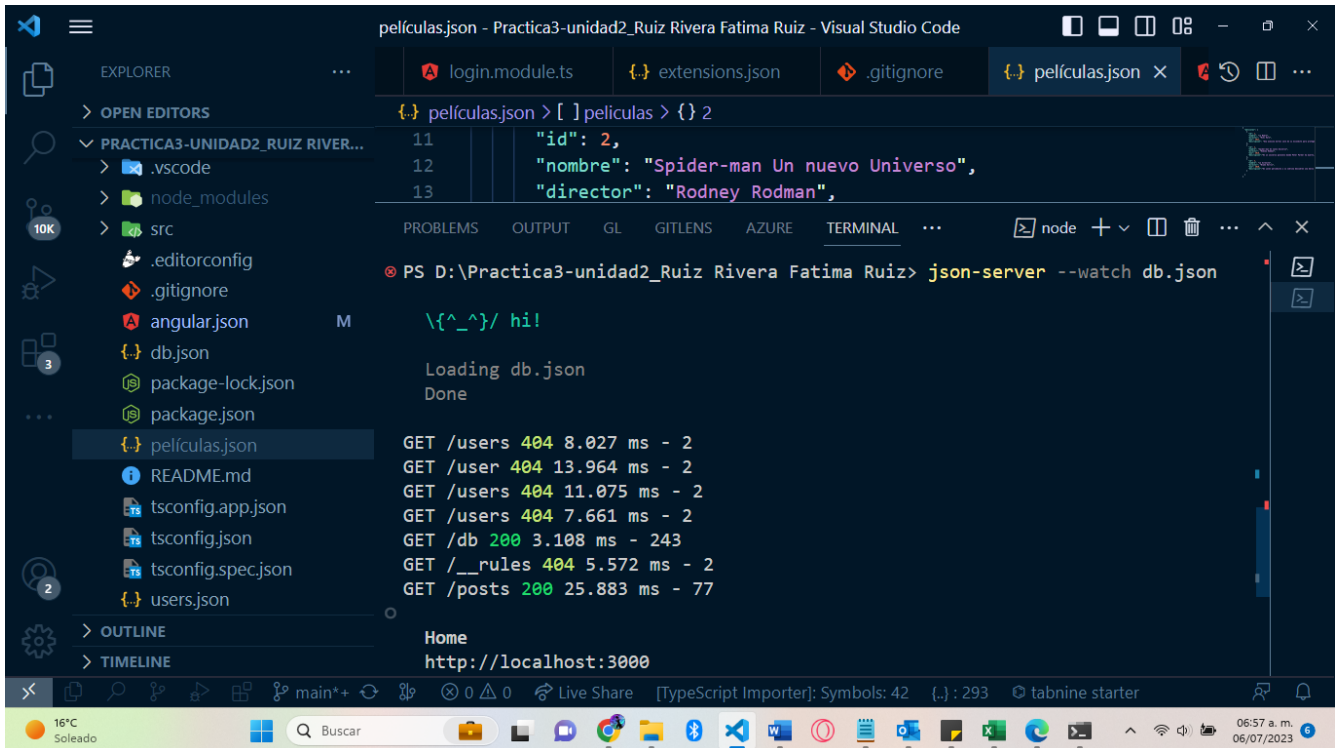
```
1 {
2   "películas": [
3     {
4       "id": 1,
5       "nombre": "La Madre",
6       "director": "Niki Haro",
7       "año": 2023,
8       "descripcion": "Una asesina mortal sale de su escondite para prot
9     },
10    {
11      "id": 2,
12      "nombre": "Spider-man Un nuevo Universo",
13      "director": "Rodney Rodman",
14      "año": 2018,
15      "descripcion": "En un universo paralelo donde Peter Parker ha muer
16    },
17    {
18      "id": 3,
19      "nombre": "La Sirenita",
20      "director": "Blake Harris",
21      "año": 2022
```

main*+ | Live Share | [TypeScript Importer]: Symbols: 42 | {..}: 293 | tabnine starter

16°C Soleado | Buscar | 06:56 a.m. 06/07/2023

Se inicia el servidor

Unidad III.- Integración de componentes de software para aplicaciones web.



The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left displays the file structure of a project named 'Practica3-unidad2_Ruiz Rivera Fatima Ruiz'. The file 'pelculas.json' is selected. The main editor area shows the content of 'pelculas.json' with the following JSON:

```
{
  "id": 2,
  "nombre": "Spider-man Un nuevo Universo",
  "director": "Rodney Rodman",
}
```

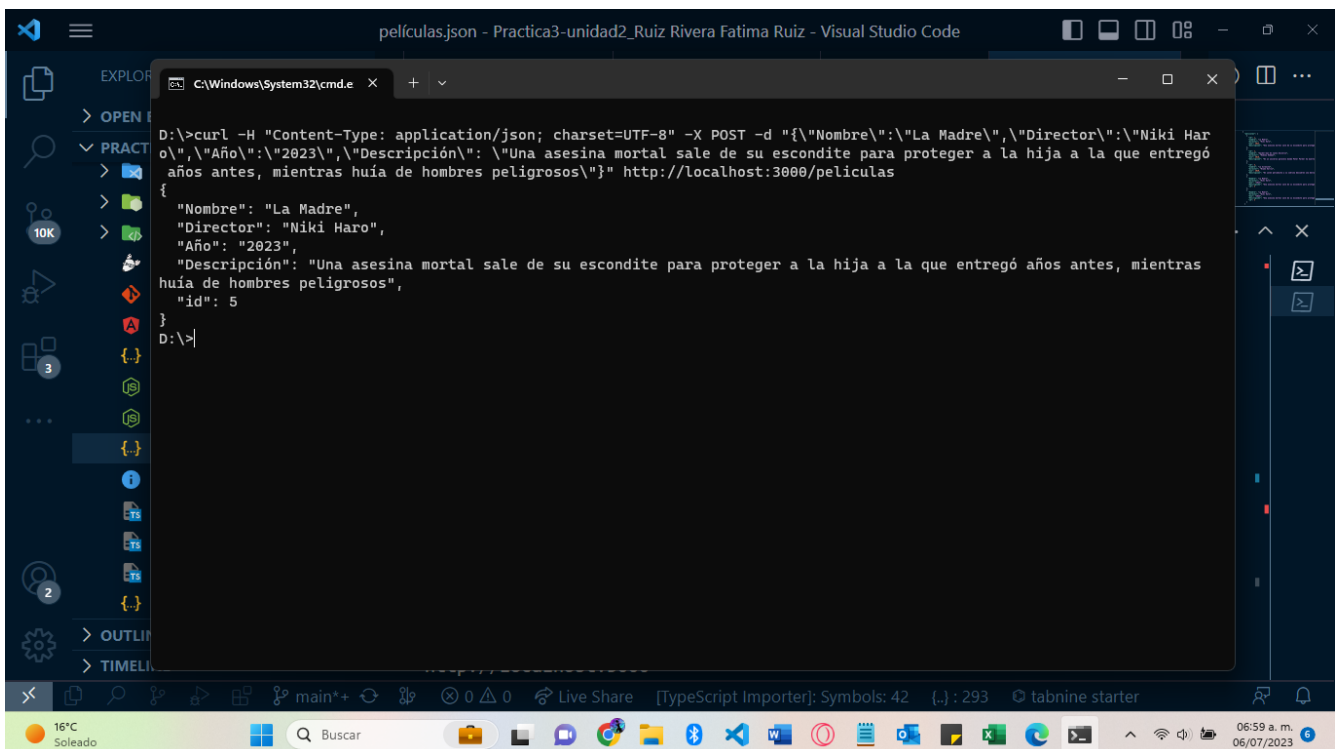
Below the editor, the PROBLEMS and OUTPUT panes are visible. The OUTPUT pane shows the logs of a REST client running in the background:

```
GET /users 404 8.027 ms - 2
GET /user 404 13.964 ms - 2
GET /users 404 11.075 ms - 2
GET /users 404 7.661 ms - 2
GET /db 200 3.108 ms - 243
GET /__rules 404 5.572 ms - 2
GET /posts 200 25.883 ms - 77
```

The TERMINAL pane at the bottom shows the command prompt running 'json-server --watch db.json' and displaying the response 'http://localhost:3000'.

Editar la película 1

curl -H "Content-Type: application/json; charset=UTF-8" -X POST -d '{"Nombre":"La Madre","Director":"Niki Haro","Año":"2023","Descripción": "Una asesina mortal sale de su escondite para proteger a la hija a la que entregó años antes, mientras huía de hombres peligrosos"}' http://localhost:3000/pelculas



The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left displays the file structure of a project named 'Practica3-unidad2_Ruiz Rivera Fatima Ruiz'. The file 'pelculas.json' is selected. The main editor area shows the content of 'pelculas.json' with the following JSON:

```
{
  "Nombre": "La Madre",
  "Director": "Niki Haro",
  "Año": "2023",
  "Descripción": "Una asesina mortal sale de su escondite para proteger a la hija a la que entregó años antes, mientras huía de hombres peligrosos",
  "id": 5
}
```

Below the editor, the PROBLEMS and OUTPUT panes are visible. The OUTPUT pane shows the logs of a REST client running in the background:

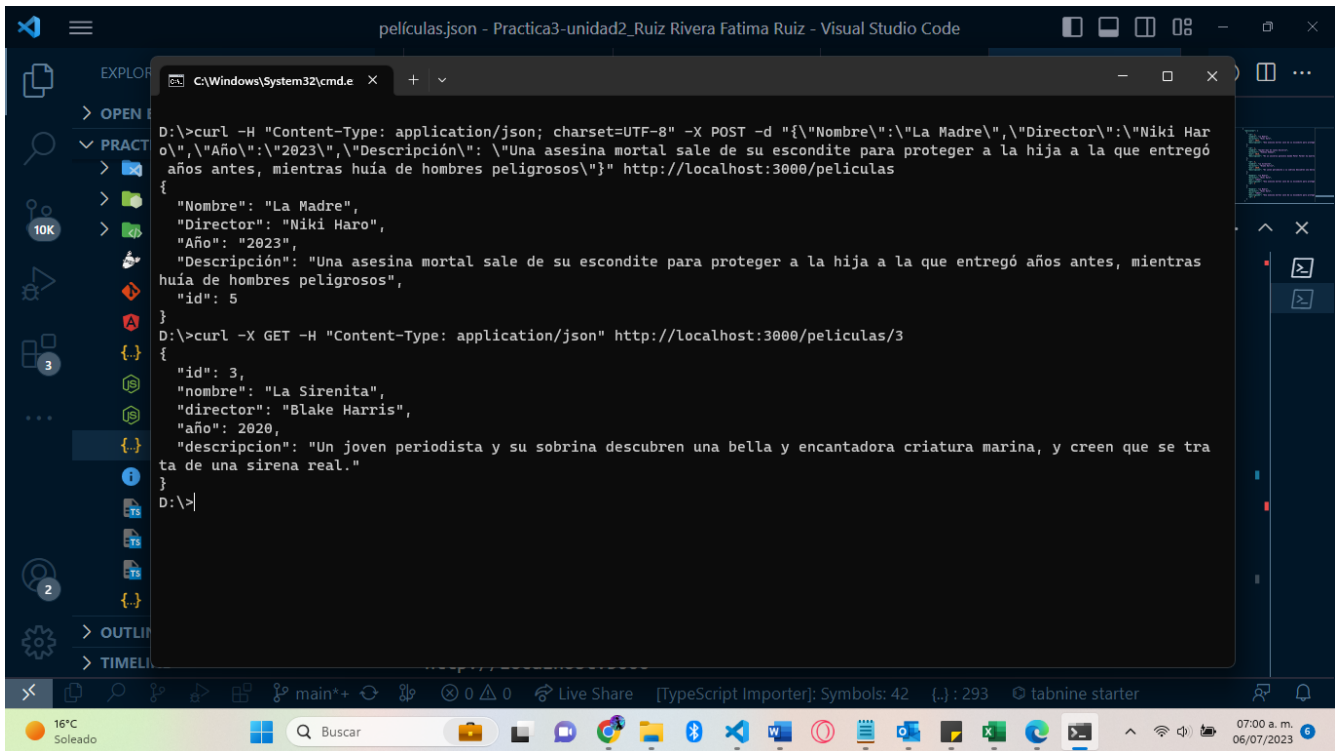
```
GET /users 404 8.027 ms - 2
GET /user 404 13.964 ms - 2
GET /users 404 11.075 ms - 2
GET /users 404 7.661 ms - 2
GET /db 200 3.108 ms - 243
GET /__rules 404 5.572 ms - 2
GET /posts 200 25.883 ms - 77
```

The TERMINAL pane at the bottom shows the command prompt running 'curl -H "Content-Type: application/json; charset=UTF-8" -X POST -d '{"Nombre":"La Madre","Director":"Niki Haro","Año":"2023","Descripción": "Una asesina mortal sale de su escondite para proteger a la hija a la que entregó años antes, mientras huía de hombres peligrosos"}' http://localhost:3000/pelculas' and displaying the response 'http://localhost:3000'.

Unidad III.- Integración de componentes de software para aplicaciones web.

Buscar la película de la sirenita

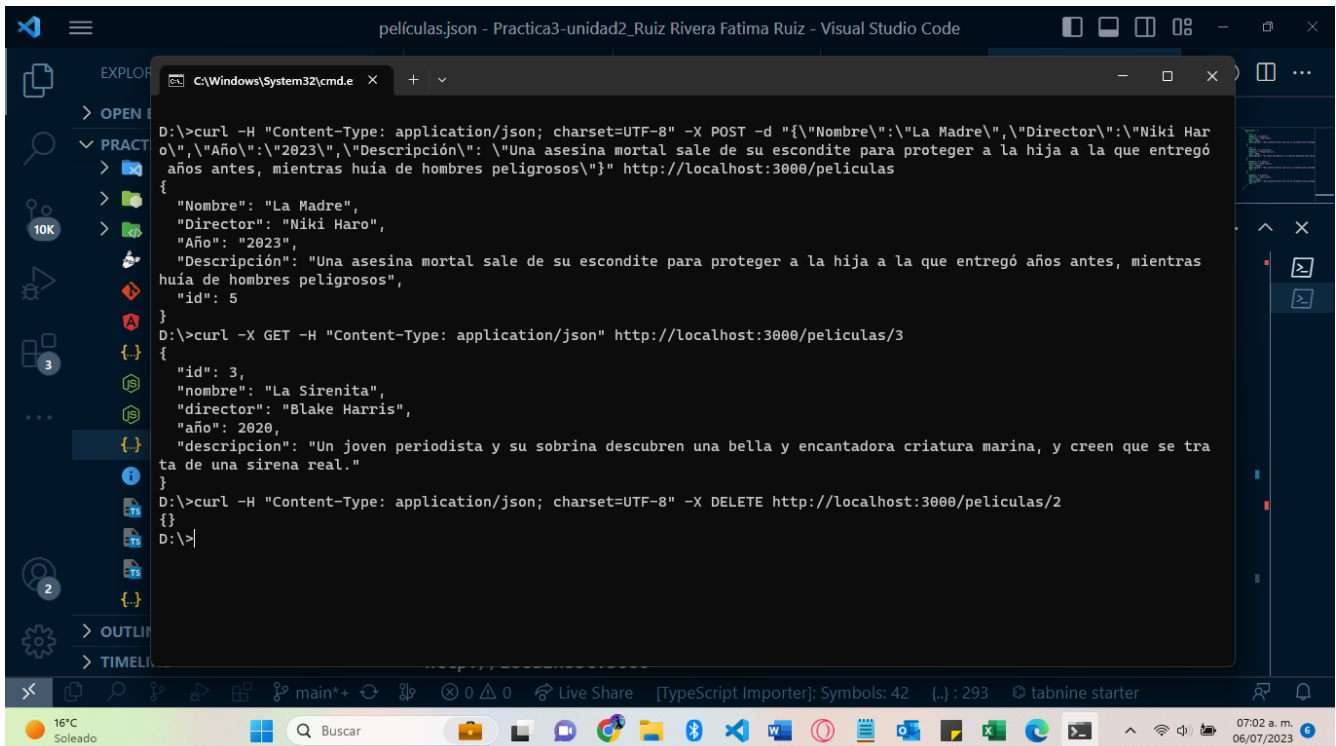
`curl -X GET -H "Content-Type: application/json" http://localhost:3000/peliculas/3`



```
D:\>curl -H "Content-Type: application/json; charset=UTF-8" -X POST -d '{"Nombre":"La Madre","Director":"Niki Haro","Año":"2023","Descripción":"Una asesina mortal sale de su escondite para proteger a la hija a la que entregó años antes, mientras huía de hombres peligrosos"}' http://localhost:3000/peliculas
{
  "Nombre": "La Madre",
  "Director": "Niki Haro",
  "Año": "2023",
  "Descripción": "Una asesina mortal sale de su escondite para proteger a la hija a la que entregó años antes, mientras huía de hombres peligrosos",
  "id": 5
}
D:\>curl -X GET -H "Content-Type: application/json" http://localhost:3000/peliculas/3
{
  "id": 3,
  "nombre": "La Sirenita",
  "director": "Blake Harris",
  "año": 2020,
  "descripcion": "Un joven periodista y su sobrina descubren una bella y encantadora criatura marina, y creen que se trata de una sirena real."
}
```

Eliminar la película de Spider-man

`curl -H "Content-Type: application/json; charset=UTF-8" -X DELETE http://localhost:3000/peliculas/2`



```
D:\>curl -H "Content-Type: application/json; charset=UTF-8" -X POST -d '{"Nombre":"La Madre","Director":"Niki Haro","Año":"2023","Descripción":"Una asesina mortal sale de su escondite para proteger a la hija a la que entregó años antes, mientras huía de hombres peligrosos"}' http://localhost:3000/peliculas
{
  "Nombre": "La Madre",
  "Director": "Niki Haro",
  "Año": "2023",
  "Descripción": "Una asesina mortal sale de su escondite para proteger a la hija a la que entregó años antes, mientras huía de hombres peligrosos",
  "id": 5
}
D:\>curl -X GET -H "Content-Type: application/json" http://localhost:3000/peliculas/3
{
  "id": 3,
  "nombre": "La Sirenita",
  "director": "Blake Harris",
  "año": 2020,
  "descripcion": "Un joven periodista y su sobrina descubren una bella y encantadora criatura marina, y creen que se trata de una sirena real."
}
D:\>curl -H "Content-Type: application/json; charset=UTF-8" -X DELETE http://localhost:3000/peliculas/2
{}
D:\>
```