

CICLO FORMATIVO DE GRADO SUPERIOR

**DESARROLLO DE APLICACIONES
MULTIPLATAFORMA**

CURSO 2024/2025

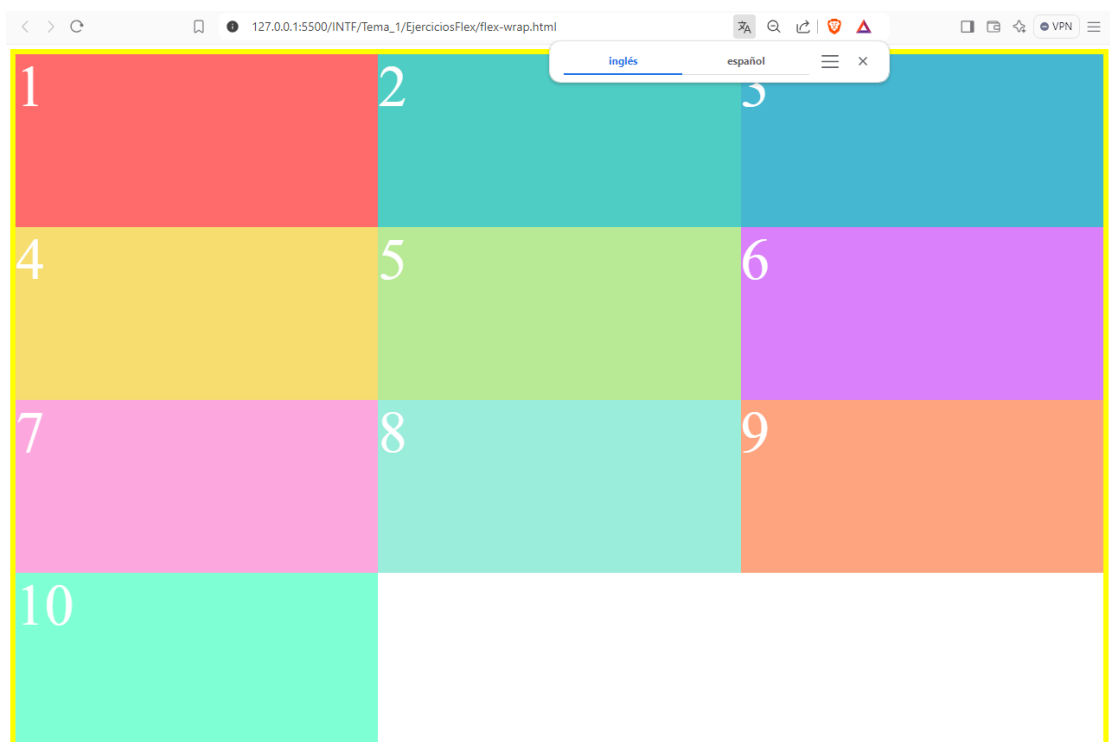
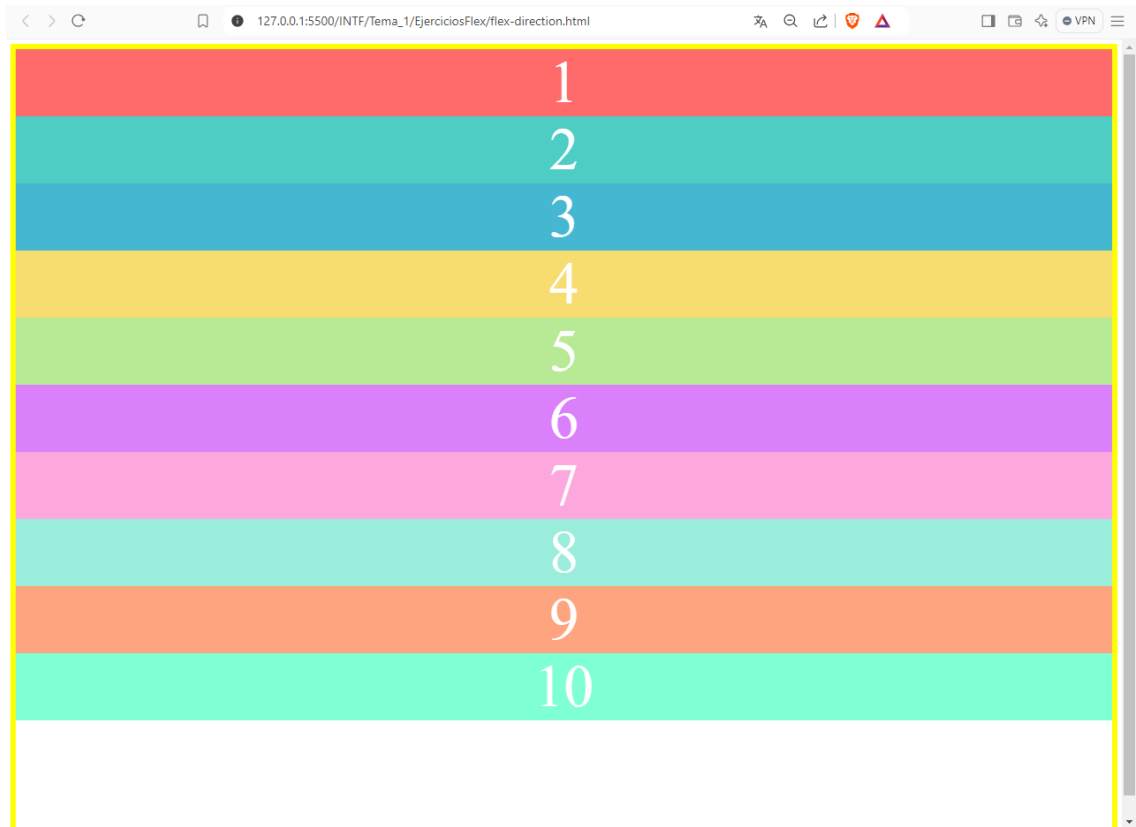
MÓDULO: Desarrollo de Interfaces

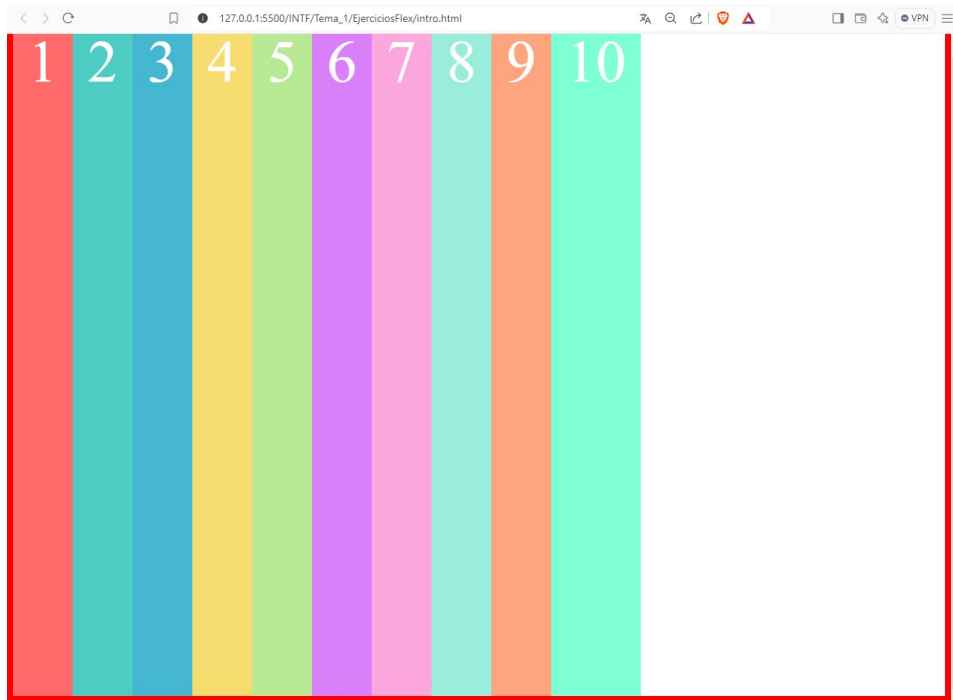
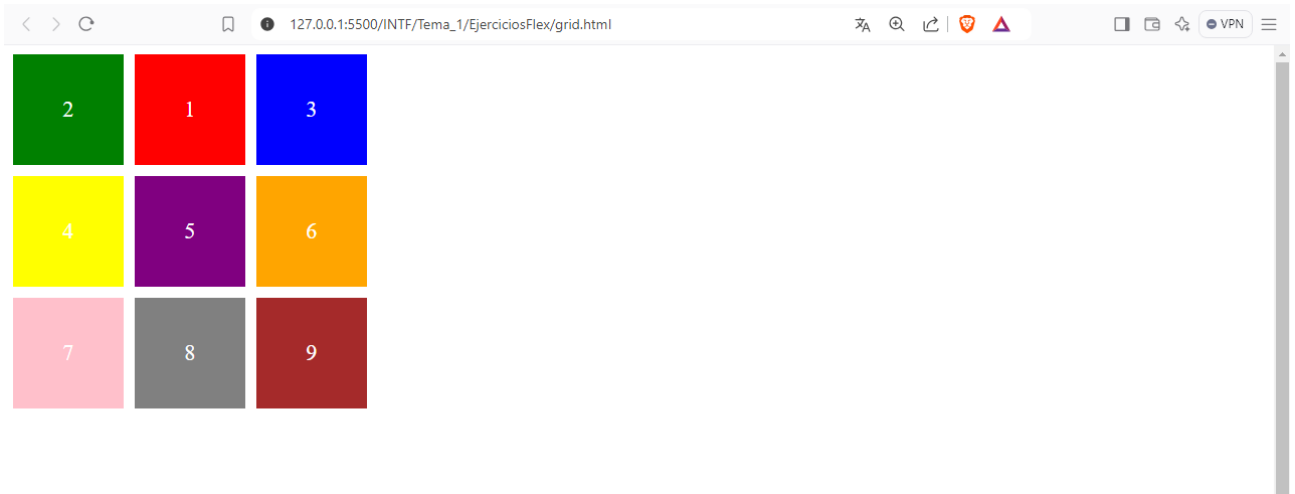
Ejercicios para examen

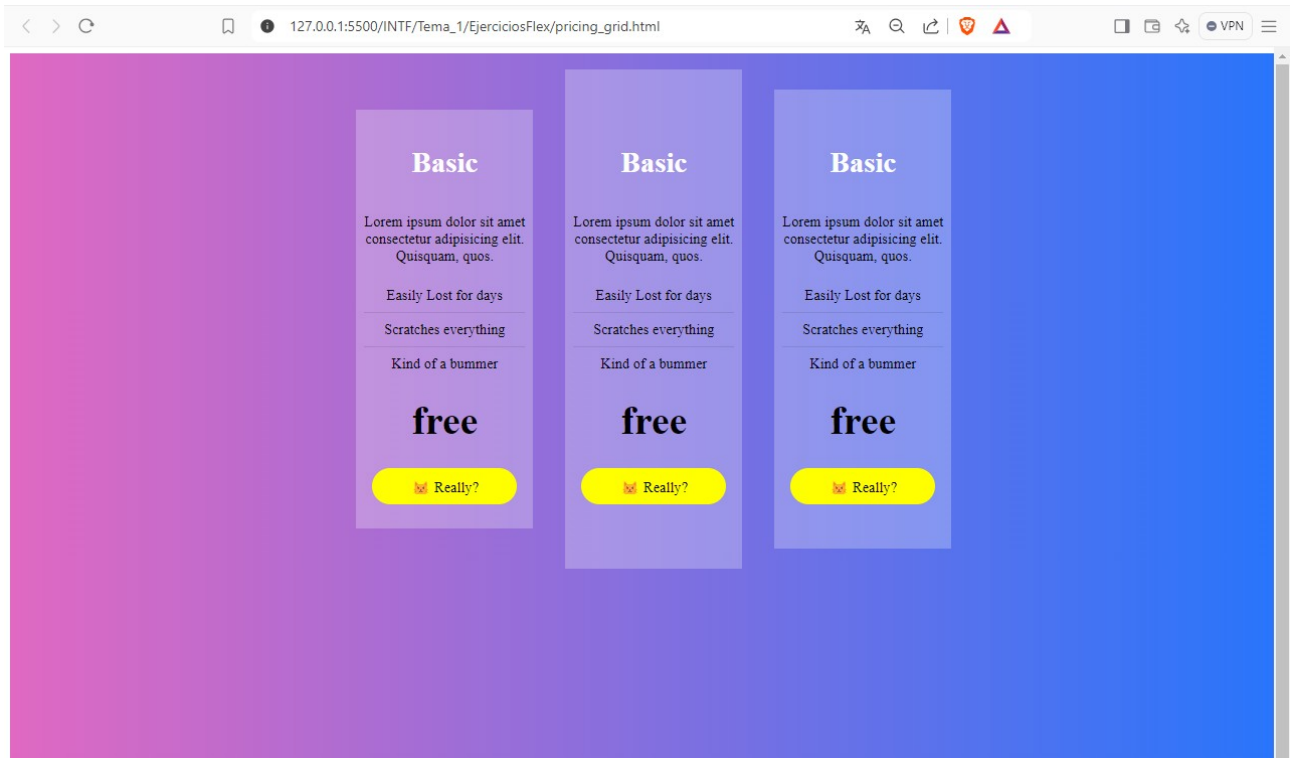
Rafael Álvaro Palomares Linares



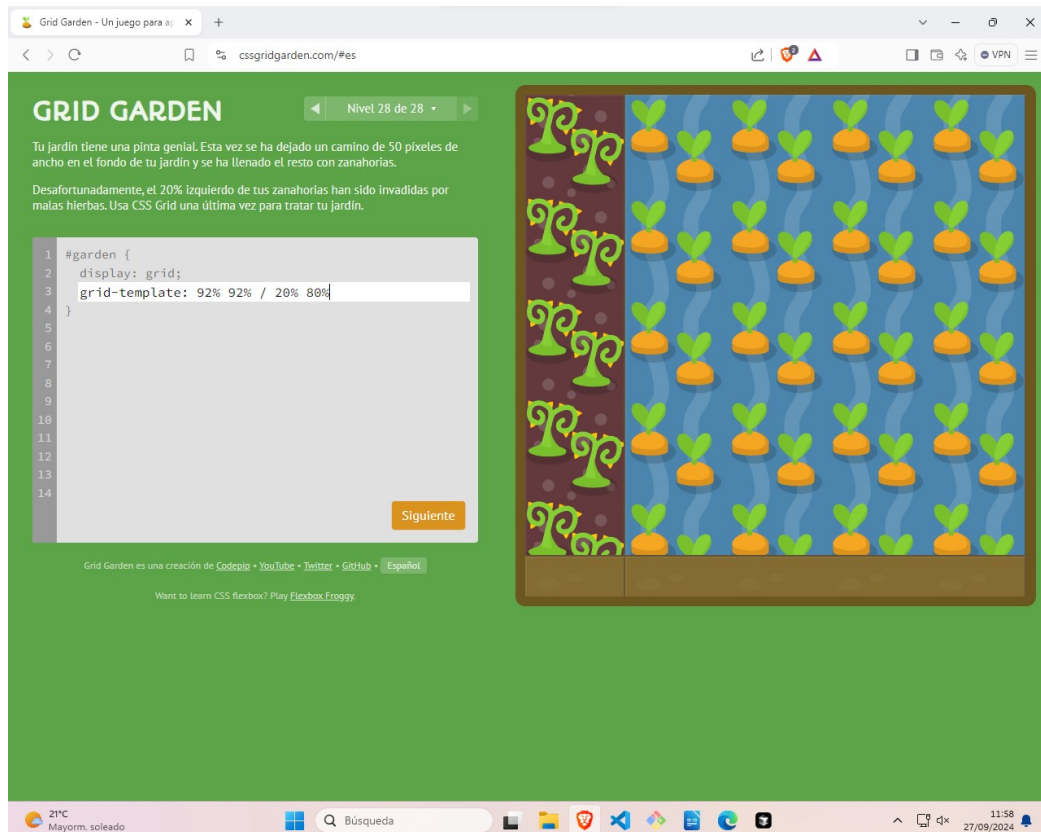
Ejercicios Flexbox



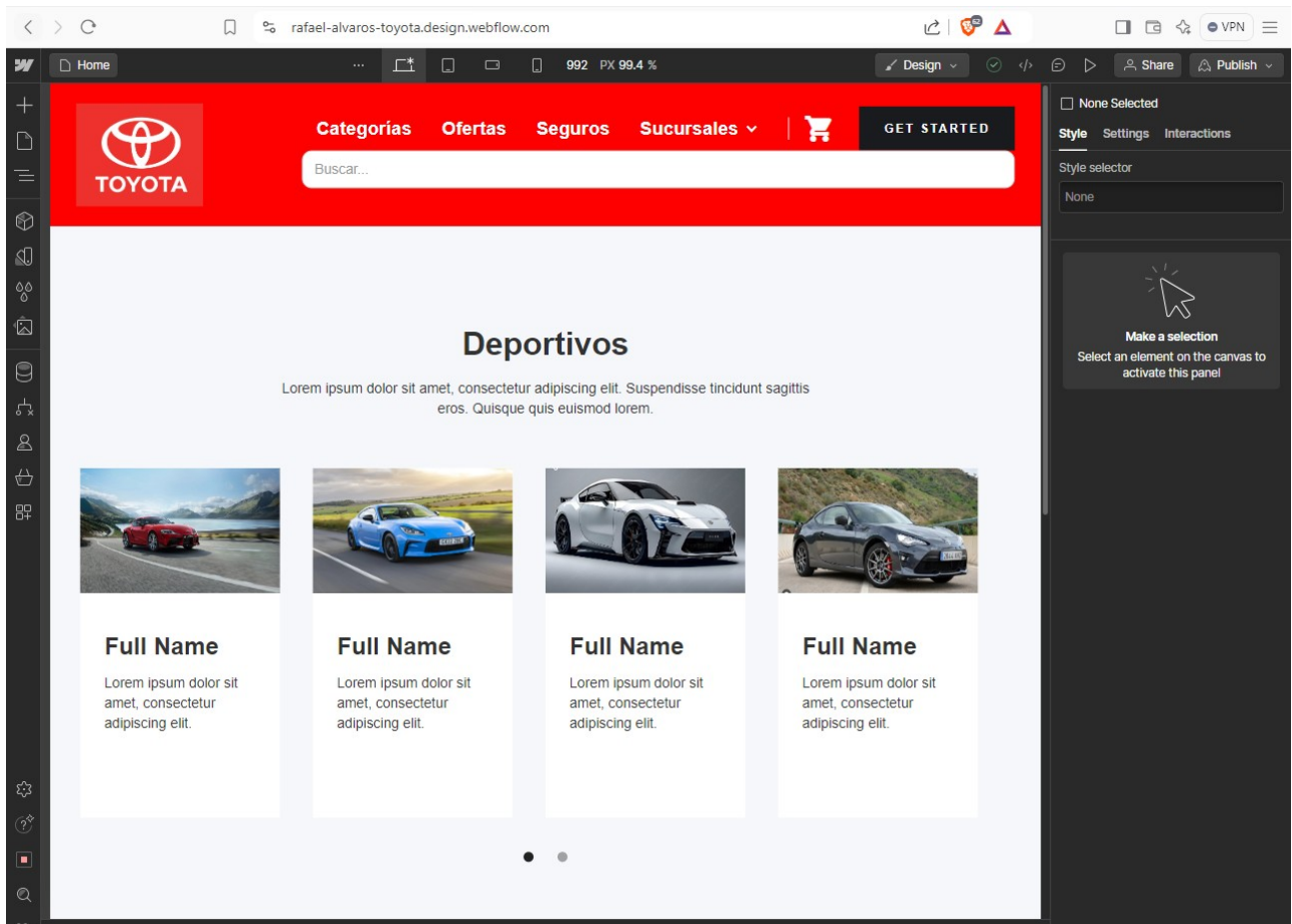




Ejercicio GRID

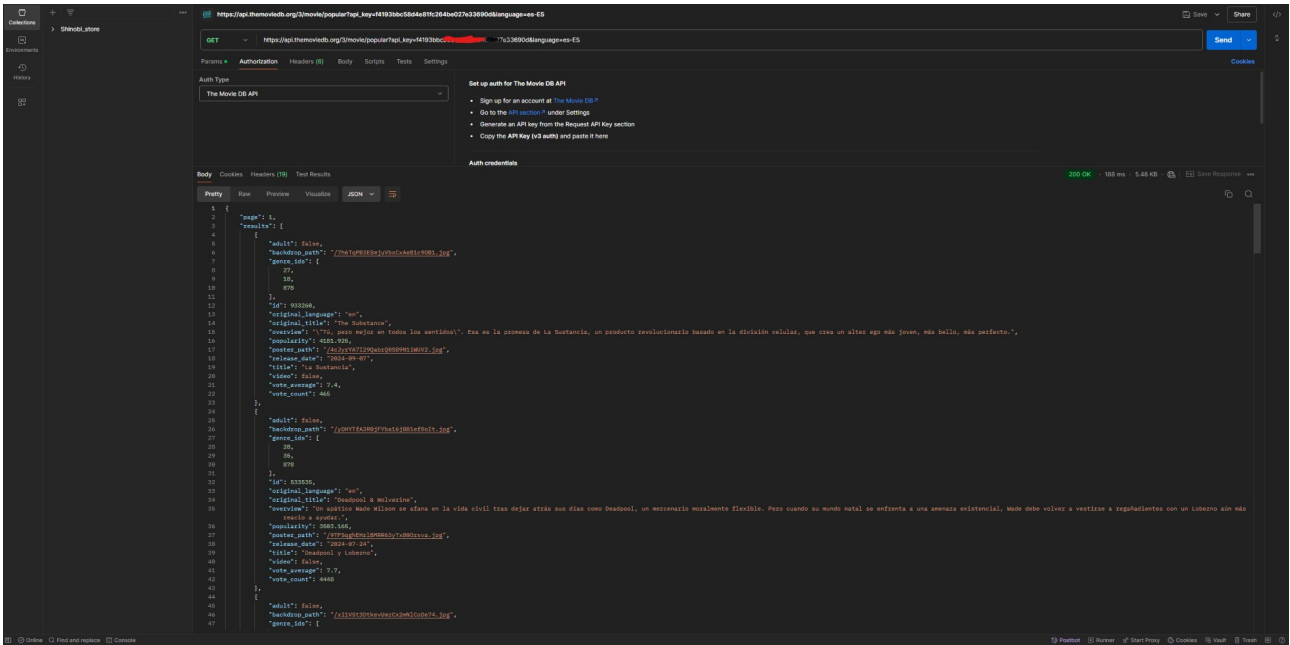


Página Webflow → [URL](#)

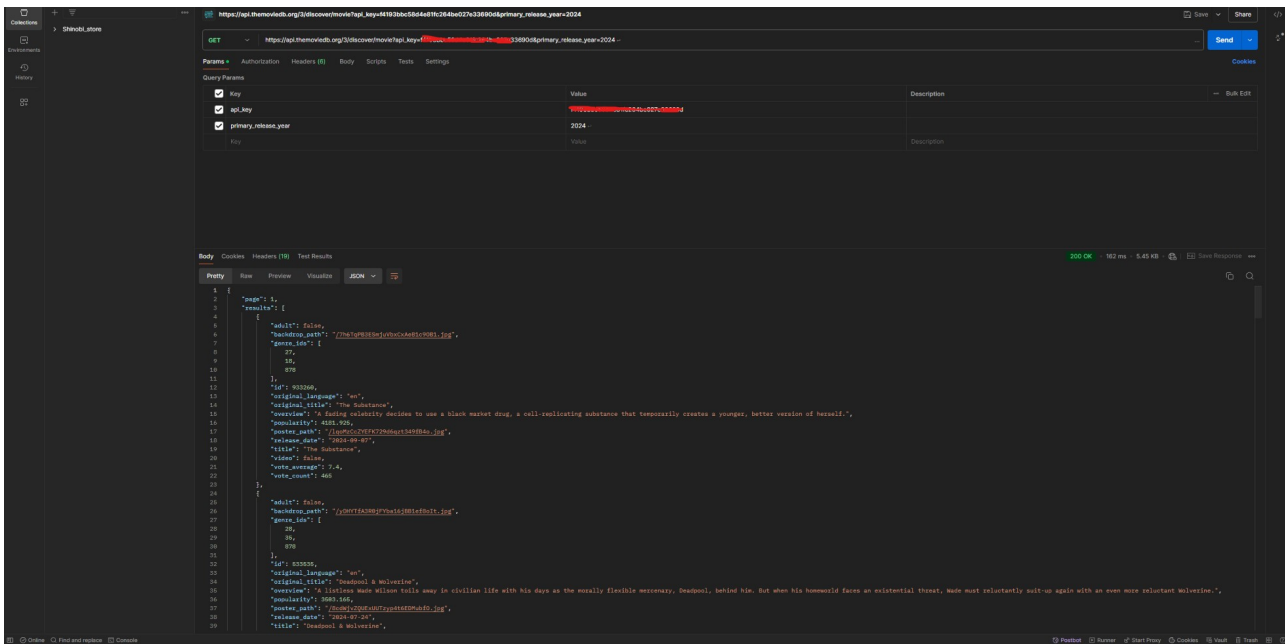


The Movie Database →

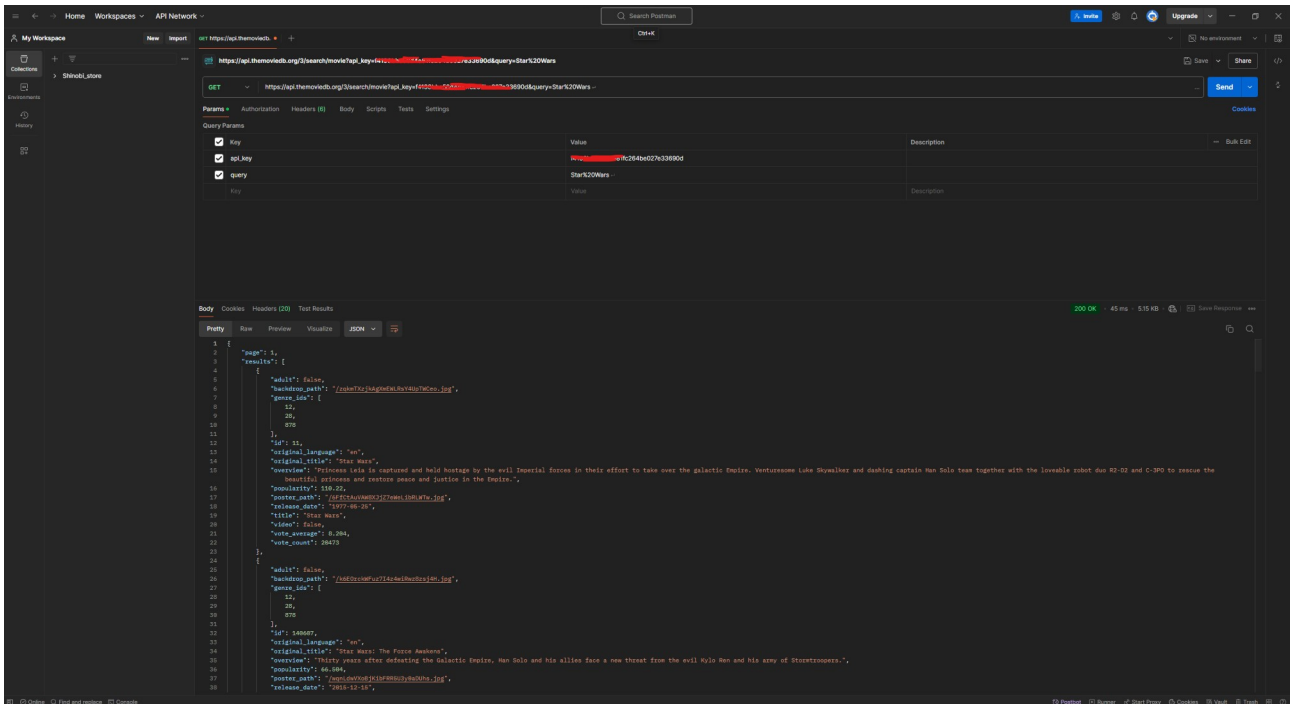
Pelis mas populares



Pelis 2024



Pelis star wars



URL: `https://api.themoviedb.org/3/search/movie?api_key=4050ba-cd539e-4c00a-4bb3-9050&query=Star%20Wars`

Query Params:

Key	Value	Description
api_key	4050ba-cd539e-4c00a-4bb3-9050	
ip		
query	Star%20Wars	

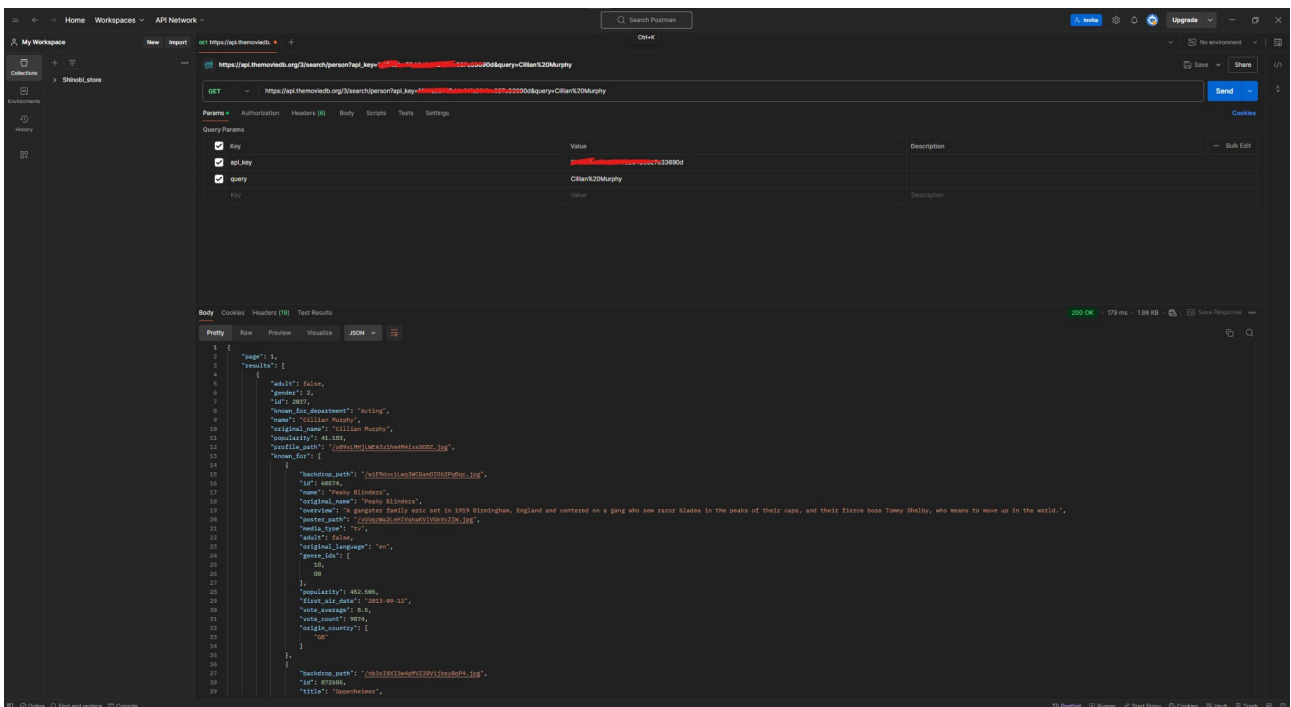
Body (JSON):

```

1 {
2   "page": 1,
3   "results": [
4     {
5       "adult": false,
6       "backdrop_path": "/posterToTheRightOfTheMainImage.jpg",
7       "genre_ids": [
8         12,
9         28,
10        878
11      ],
12      "id": 11,
13      "original_language": "en",
14      "original_title": "Star Wars",
15      "overview": "Princess Leia is captured and held hostage by the evil Imperial forces in their effort to take over the galactic Empire. Venturesome Luke Skywalker and dashing captain Han Solo team together with the lovable robot duo R2-D2 and C-3PO to rescue the beautiful princess and restore peace and justice in the Empire.",
16      "popularity": 159.22,
17       "poster_path": "/posterToTheRightOfTheMainImage.jpg",
18       "release_date": "1977-05-25",
19       "title": "Star Wars",
20       "video": false,
21       "vote_average": 8.264,
22       "vote_count": 28473
23     },
24     {
25       "adult": false,
26       "backdrop_path": "/posterToTheRightOfTheMainImage.jpg",
27       "genre_ids": [
28         12,
29         28,
30         878
31      ],
32      "id": 1800,
33      "original_language": "en",
34      "original_title": "Star Wars: The Force Awakens",
35      "overview": "Thirty years after defeating the Galactic Empire, Han Solo and his allies face a new threat from the evil Kylo Ren and his army of Stormtroopers.",
36      "popularity": 64.084,
37       "poster_path": "/posterToTheRightOfTheMainImage.jpg",
38       "release_date": "2015-12-18",
39       "title": "Star Wars: The Force Awakens",
40       "video": false,
41       "vote_average": 7.824,
42       "vote_count": 10147
43     }
44   ]
45 }

```

Pelis Cillian Murphy. Primero obtenemos el id → 2037



URL: `https://api.themoviedb.org/3/search/person?api_key=4050ba-cd539e-4c00a-4bb3-9050&query=Cillian%20Murphy`

Query Params:

Key	Value	Description
api_key	4050ba-cd539e-4c00a-4bb3-9050	
ip		
query	Cillian%20Murphy	

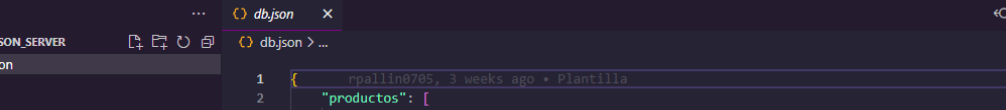
Body (JSON):

```

1 {
2   "page": 1,
3   "results": [
4     {
5       "adult": false,
6       "gender": 2,
7       "id": 2037,
8       "known_for_department": "Acting",
9       "name": "Cillian Murphy",
10      "original_name": "Cillian Murphy",
11      "popularity": 41.185,
12      "poster_path": "/posterToTheRightOfTheMainImage.jpg",
13      "profile_path": "/profileToTheRightOfTheMainImage.jpg",
14      "known_for": [
15        {
16          "backdrop_path": "/posterToTheRightOfTheMainImage.jpg",
17          "id": 40804,
18          "name": "Peaky Blinders",
19          "original_name": "Peaky Blinders",
20          "overview": "A gangster family saga set in 1919 Birmingham, England and centered on a gang who sew razor blades in the peaks of their caps, and their fierce boss Tommy Shelby, who seems to move up in the world.",
21          "poster_path": "/posterToTheRightOfTheMainImage.jpg",
22          "media_type": "tv",
23          "adult": false,
24          "original_language": "en",
25          "genre_ids": [
26            18,
27            80
28          ],
29          "popularity": 402.686,
30          "first_air_date": "2013-09-12",
31          "vote_average": 8.4,
32          "vote_count": 9074,
33          "release_date": "2013-09-12",
34          "title": "Peaky Blinders",
35          "video": false,
36          "vote_average": 8.4,
37          "vote_count": 9074
38        }
39      ],
40      "backdrop_path": "/posterToTheRightOfTheMainImage.jpg",
41      "id": 2037,
42      "title": "Peaky Blinders",
43      "video": false,
44      "vote_average": 8.4,
45      "vote_count": 9074
46    }
47   ]
48 }

```

Creamos el archivo json



```
1 {
2   "productos": [
3     {
4       "id": 1,
5       "nombre": "Portatil intel i7",
6       "precio": 450.50,
7       "description": "Portatil intel i7 16GB RAM 1TB SSD"
8     },
9     {
10      "id": 2,
11      "nombre": "Portatil intel i5",
12      "precio": 350.50,
13      "description": "Portatil intel i5 8GB RAM 500GB SSD"
14    }
15  ]
16 }
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS
```

```
manana@DESKTOP-TCNCJNB MINGW64 ~/Documents/CLASE/INTF/Tema_1/ejercicio_json_server (master)
$ json-server --watch db.json --port 3000
--watch/-w can be omitted, JSON Server 1+ watches for file changes by default
JSON Server started on PORT :3000
Press CTRL-C to stop
Watching db.json...

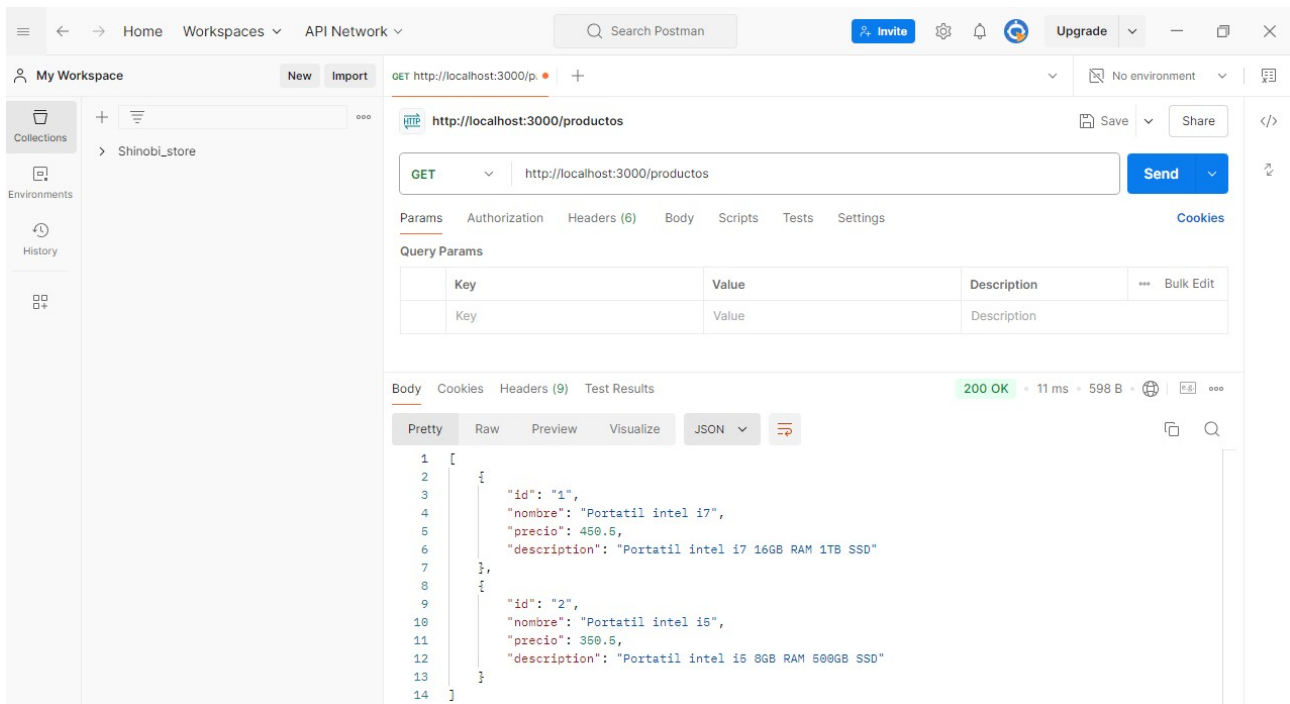
( ~ ^ _ ~ )

Index:
http://localhost:3000/

Static files:
Serving ./public directory if it exists

Endpoints:
http://localhost:3000/productos
```


Hacemos una petición get a la url que nos da la salida del comando:



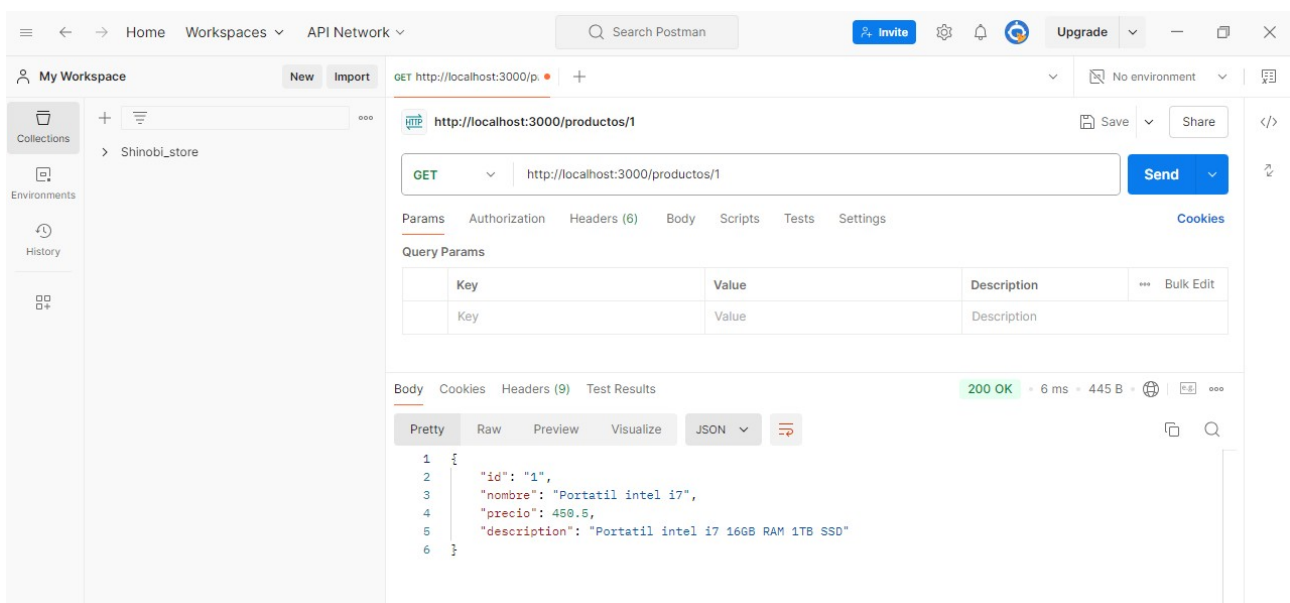
The screenshot shows the Postman interface with a GET request to `http://localhost:3000/productos`. The response is a 200 OK status with a response time of 11 ms and a body size of 598 B. The response body is displayed in JSON format:

```

1  [
2    {
3      "id": "1",
4      "nombre": "Portatil intel i7",
5      "precio": 450.5,
6      "description": "Portatil intel i7 16GB RAM 1TB SSD"
7    },
8    {
9      "id": "2",
10     "nombre": "Portatil intel i5",
11     "precio": 350.5,
12     "description": "Portatil intel i5 8GB RAM 500GB SSD"
13   }
14 ]

```

Ahora hacemos una petición para obtener el producto con el id 1



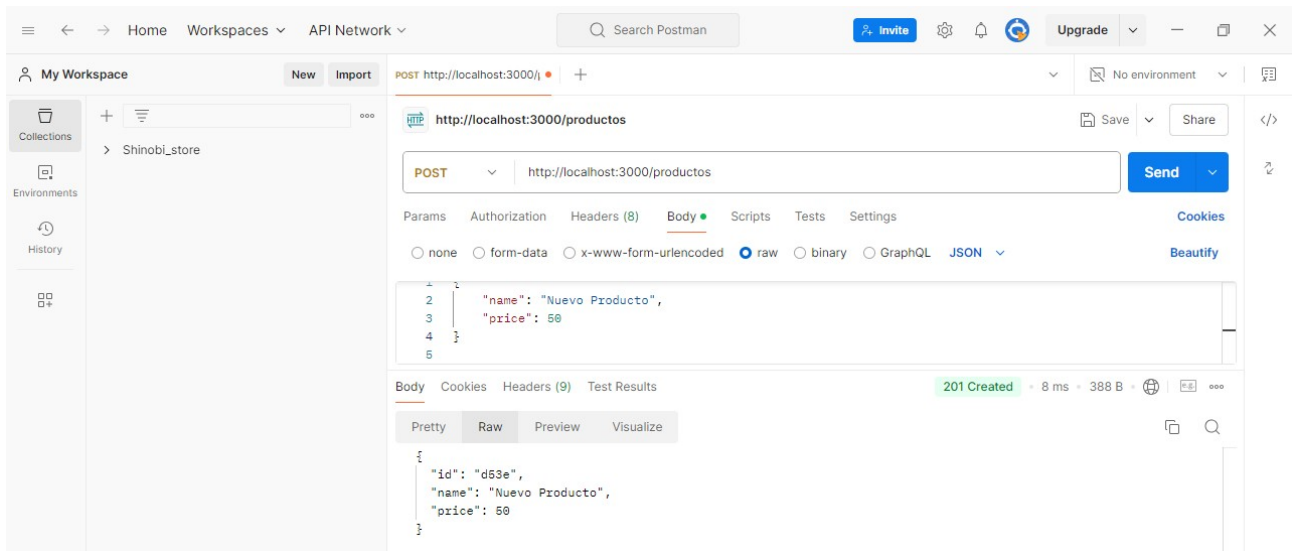
The screenshot shows the Postman interface with a GET request to `http://localhost:3000/productos/1`. The response is a 200 OK status with a response time of 6 ms and a body size of 445 B. The response body is displayed in JSON format:

```

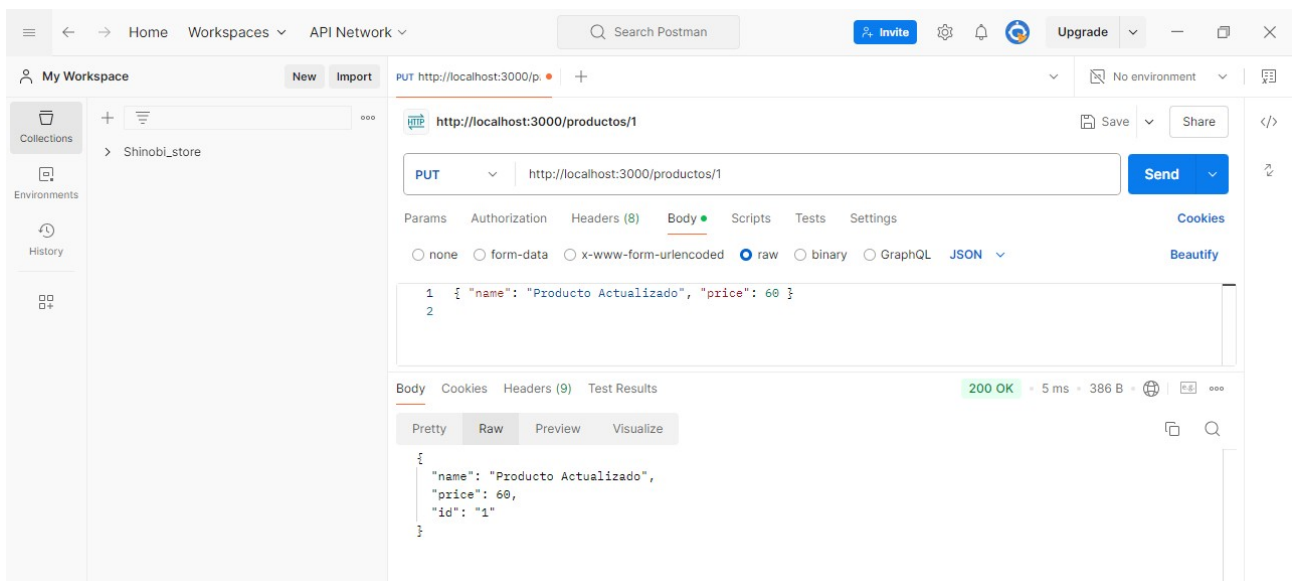
1  {
2    "id": "1",
3    "nombre": "Portatil intel i7",
4    "precio": 450.5,
5    "description": "Portatil intel i7 16GB RAM 1TB SSD"
6  }

```

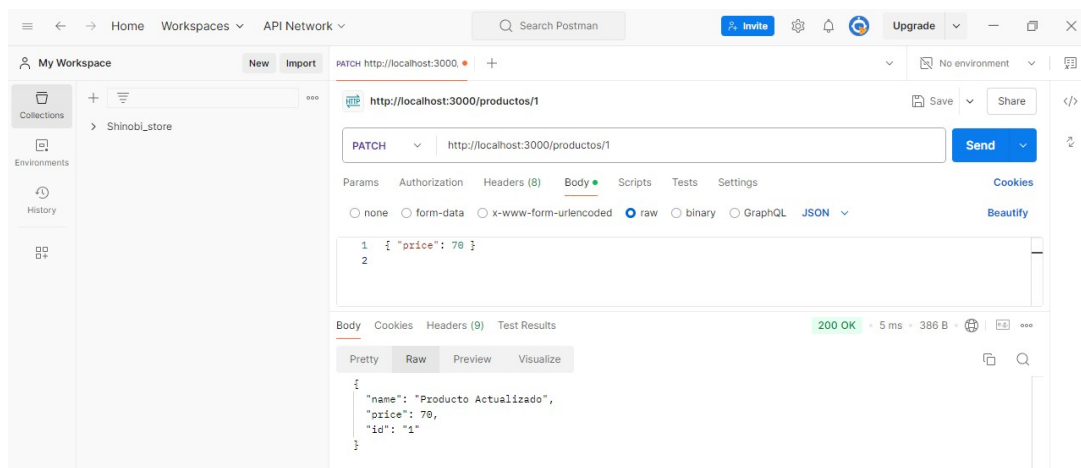
Ahora hacemos una petición Post pasándole en el body un objeto JSON



Con una petición PUT actualizamos el producto con la id 1



Para actualizar un objeto parcialmente utilizamos el método PATCH



Para borrar un elemento usamos el método DELETE

