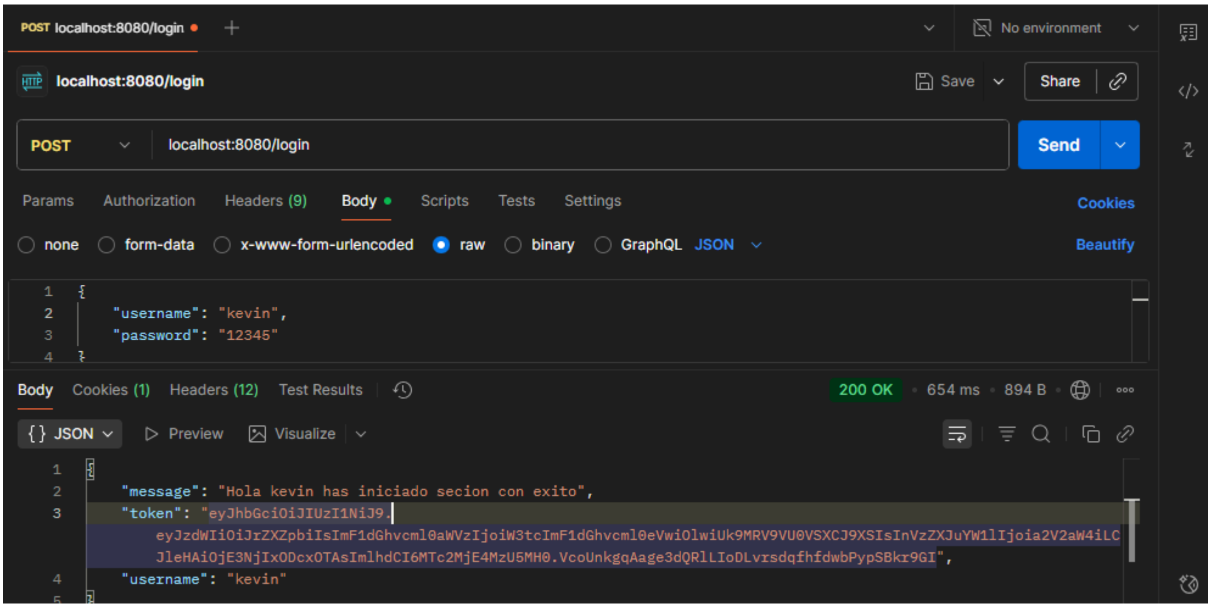
Evidencias de Pruebas:

Iniciamos sesión con un usuario para ver que se genera el Token



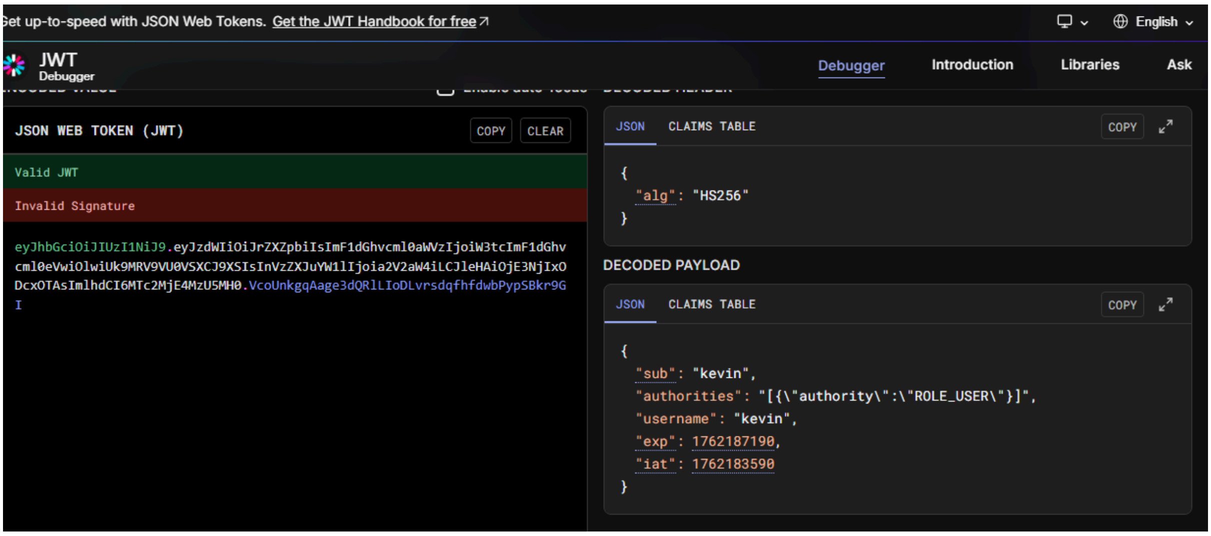
POST localhost:8080/login

```
{
    "username": "kevin",
    "password": "12345"
}
```

200 OK · 654 ms · 894 B

```
{
    "message": "Hola kevin has iniciado secion con exito",
    "token": "eyJhbGciOiJIUzI1NiJ9.
        eyJzdWIiOiJrZXZpbiIsImF1dGhvcml0aWVzIjoiW3tcImF1dGhvcml0eVwiOlwiUk9MRV9VU0VSXCJ9XSIsInVzZXJuYW1lIjoia2V2aW4iLC
        JleHAiOjE3NjIxODcxOTAsImlhdCI6MTc2MjE4MzU5MH0.VcoUnkgqAage3dQRlLIoDLvrsdqfhfdwbPypSBkr9GI",
    "username": "kevin"
}
```

Verificamos el Token:



JSON WEB TOKEN (JWT)

Valid JWT

Invalid Signature

```
eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJrZXZpbiIsImF1dGhvcml0aWVzIjoiW3tcImF1dGhv
cml0eVwiOlwiUk9MRV9VU0VSXCJ9XSIsInVzZXJuYW1lIjoia2V2aW4iLCJleHAiOjE3NjIxO
DcxOTAsImlhdCI6MTc2MjE4MzU5MH0.VcoUnkgqAage3dQRlLIoDLvrsdqfhfdwbPypSBkr9G
I
```

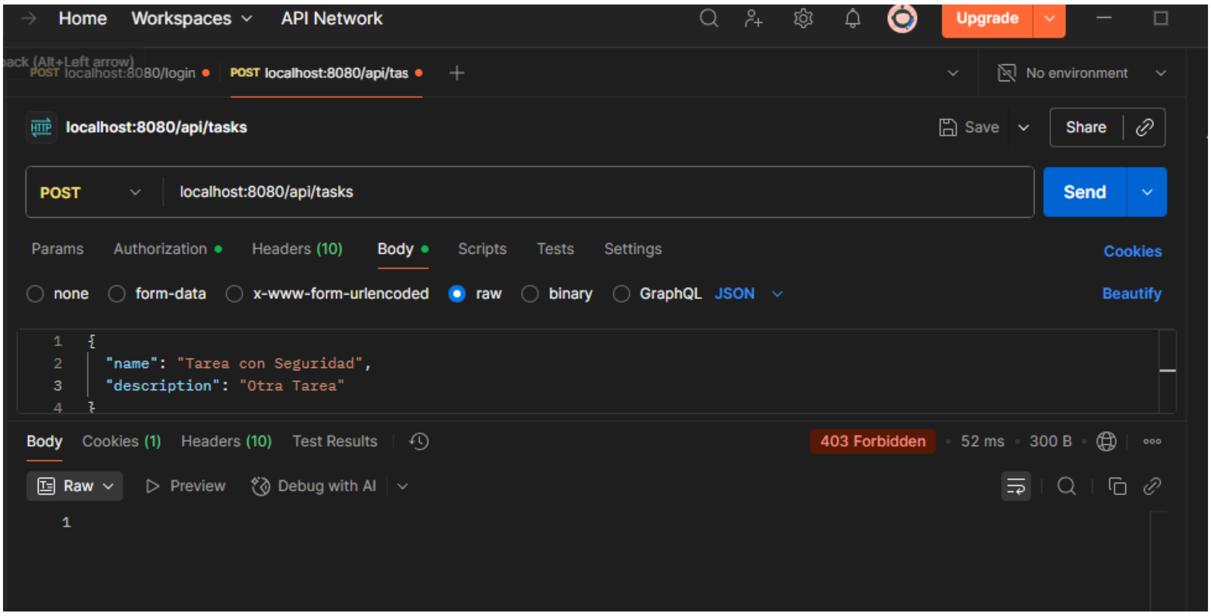
DECODED HEADER

```
{
  "alg": "HS256"
}
```

DECODED PAYLOAD

```
{
  "sub": "kevin",
  "authorities": "[{\"authority\":\"ROLE_USER\"}]",
  "username": "kevin",
  "exp": 1762187190,
  "iat": 1762183590
}
```

Se intenta crear una tarea con un usuario NO admin



localhost:8080/api/tasks

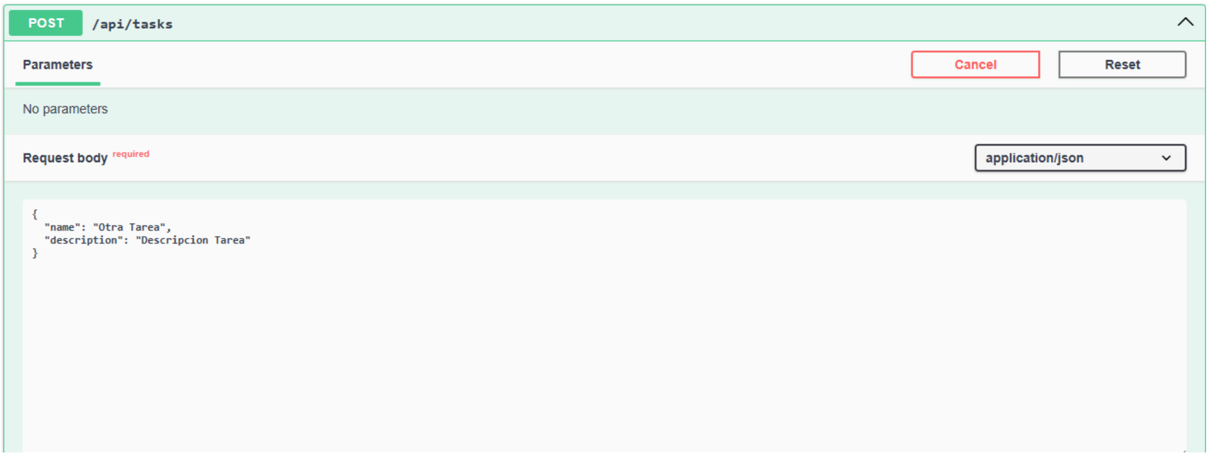
POST localhost:8080/api/tasks

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
  "name": "Tarea con Seguridad",
  "description": "Otra Tarea"
}
```

403 Forbidden · 52 ms · 300 B

Se crea una Tarea



POST /api/tasks

Parameters

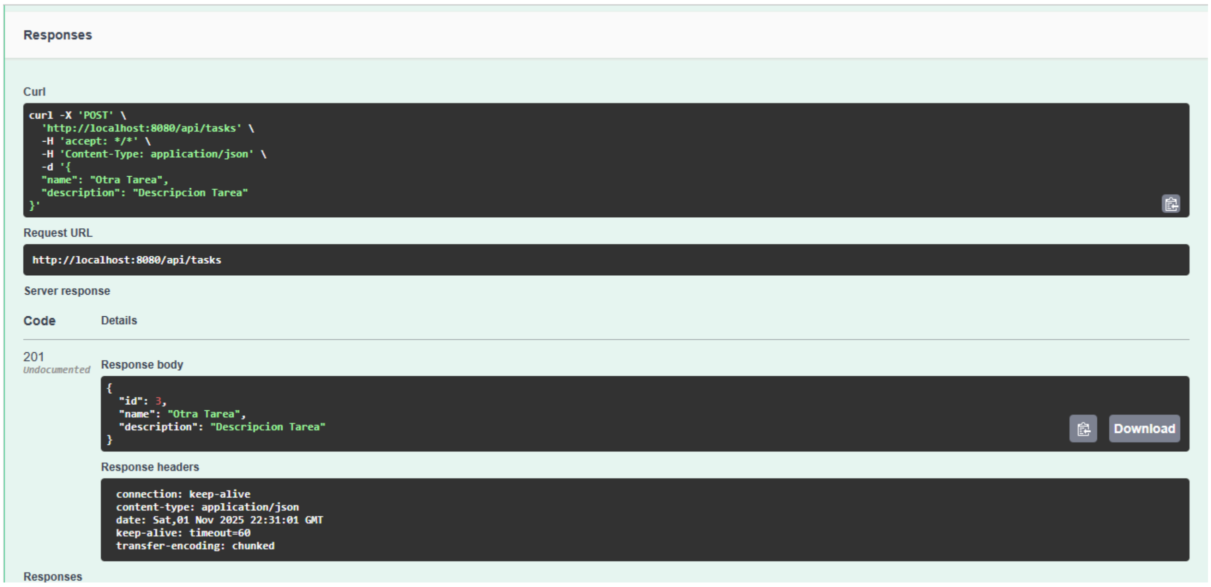
No parameters

Request body required

application/json

```
{
  "name": "Otra Tarea",
  "description": "Descripcion Tarea"
}
```

Vemos que se creó correctamente



Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8080/api/tasks' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "name": "Otra Tarea",
  "description": "Descripcion Tarea"
}'
```

Request URL

```
http://localhost:8080/api/tasks
```

Server response

Code Details

201 *Undocumented*

Response body

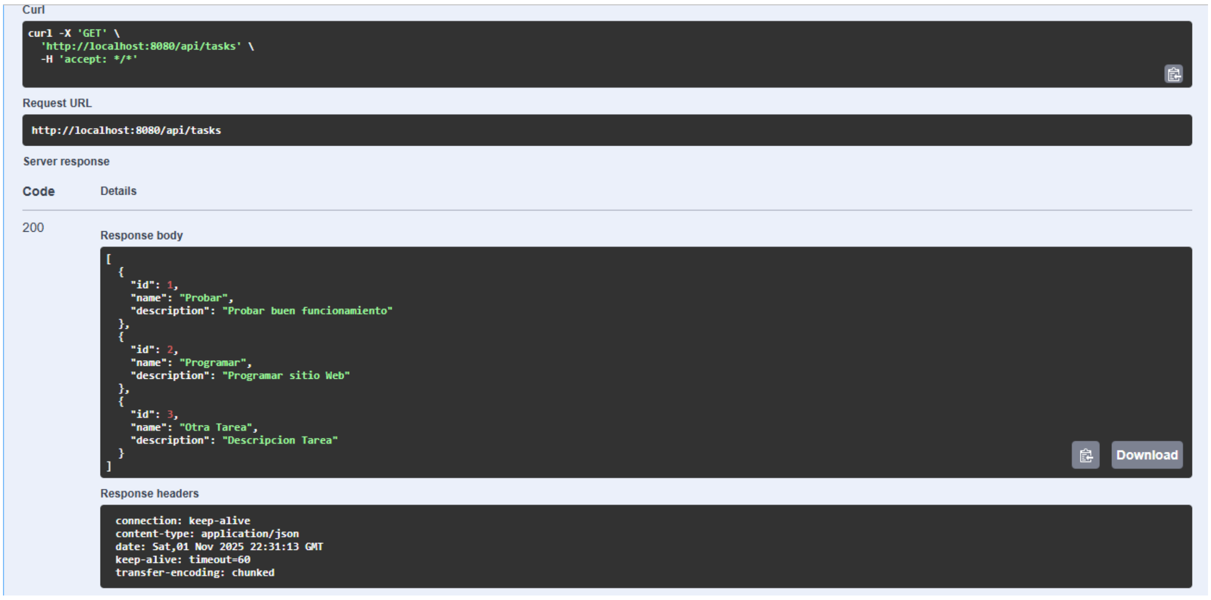
```
{
  "id": 3,
  "name": "Otra Tarea",
  "description": "Descripcion Tarea"
}
```

Response headers

```
 connection: keep-alive
 content-type: application/json
 date: Sat,01 Nov 2025 22:31:01 GMT
 keep-alive: timeout=60
 transfer-encoding: chunked
```

Responses

Listamos las Tareas



Curl

```
curl -X 'GET' \
  'http://localhost:8080/api/tasks' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:8080/api/tasks
```

Server response

Code Details

200

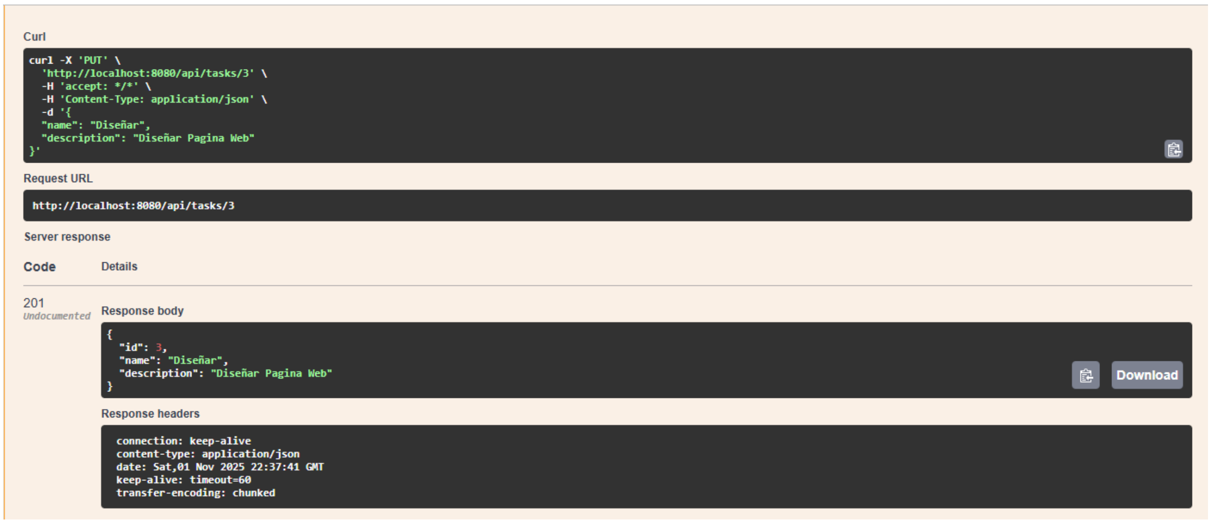
Response body

```
[
  {
    "id": 1,
    "name": "Probar",
    "description": "Probar buen funcionamiento"
  },
  {
    "id": 2,
    "name": "Programar",
    "description": "Programar sitio Web"
  },
  {
    "id": 3,
    "name": "Otra Tarea",
    "description": "Descripcion Tarea"
  }
]
```

Response headers

```
 connection: keep-alive
 content-type: application/json
 date: Sat,01 Nov 2025 22:31:13 GMT
 keep-alive: timeout=60
 transfer-encoding: chunked
```

Actualizamos la Tarea con el numero 3 ya que el nombre es erroneo



Curl

```
curl -X 'PUT' \
  'http://localhost:8080/api/tasks/3' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "name": "Diseñar",
  "description": "Diseñar Pagina Web"
}'
```

Request URL

```
http://localhost:8080/api/tasks/3
```

Server response

Code Details

201
Undocumented

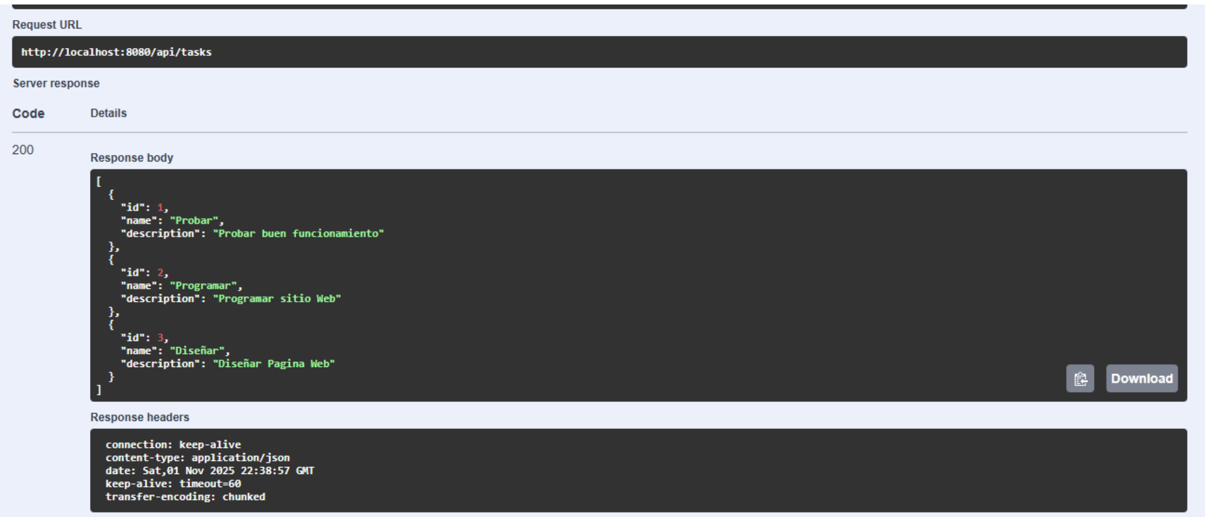
Response body

```
{
  "id": 3,
  "name": "Diseñar",
  "description": "Diseñar Pagina Web"
}
```

Response headers

```
 connection: keep-alive
 content-type: application/json
 date: Sat,01 Nov 2025 22:37:41 GMT
 keep-alive: timeout=60
 transfer-encoding: chunked
```

Volvemos a Listar y verificamos que se halla actualizado la tarea 3



Request URL

```
http://localhost:8080/api/tasks
```

Server response

Code Details

200

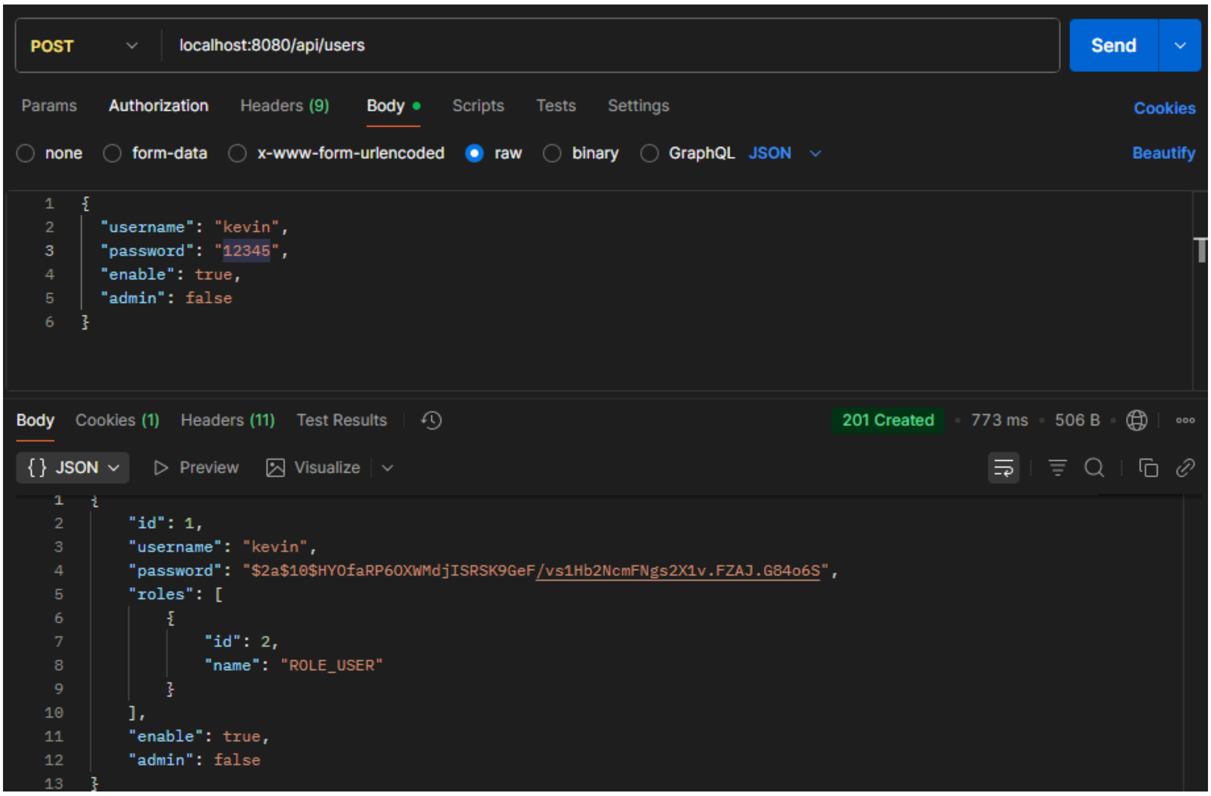
Response body

```
[
  {
    "id": 1,
    "name": "Probar",
    "description": "Probar buen funcionamiento"
  },
  {
    "id": 2,
    "name": "Programar",
    "description": "Programar sitio Web"
  },
  {
    "id": 3,
    "name": "Diseñar",
    "description": "Diseñar Pagina Web"
  }
]
```

Response headers

```
 connection: keep-alive
 content-type: application/json
 date: Sat,01 Nov 2025 22:38:57 GMT
 keep-alive: timeout=60
 transfer-encoding: chunked
```

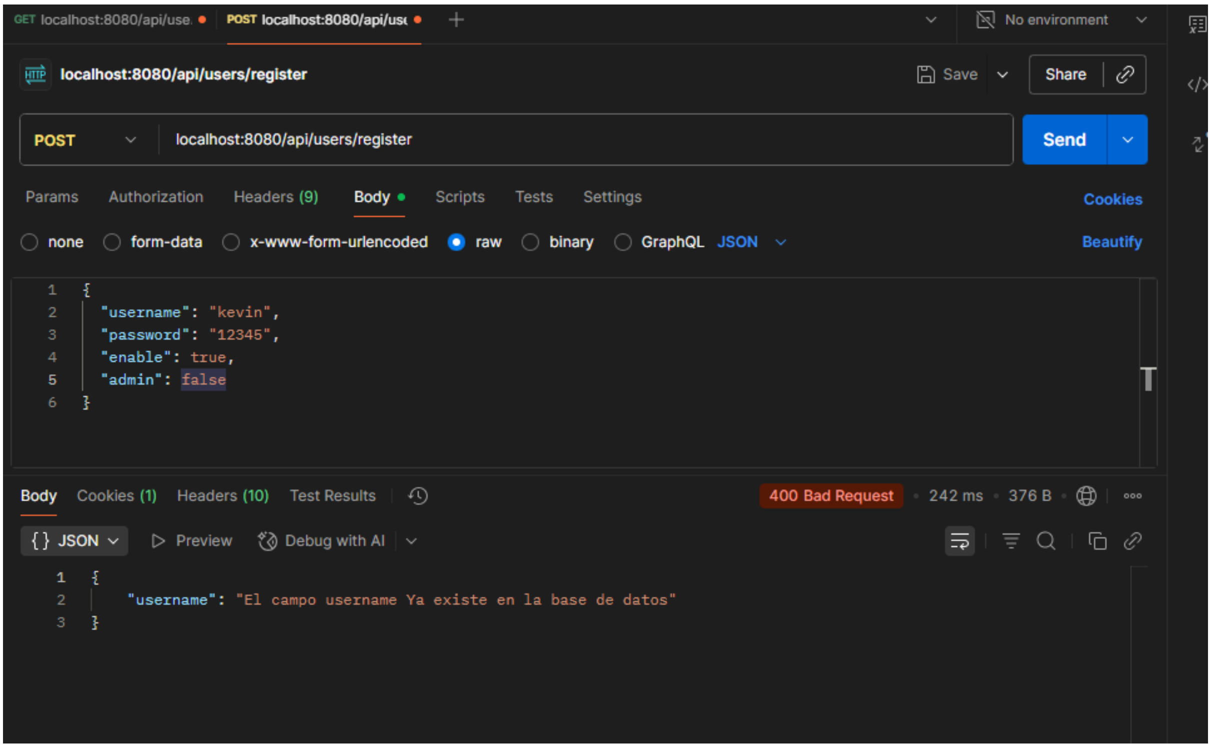
Se crea un usuario con contraseña ya encriptada



```
{
"username": "kevin",
"password": "12345",
"enable": true,
"admin": false
}
```

```
{
    "id": 1,
    "username": "kevin",
    "password": "$2a$10$HYOfaRP6OXWMdjISRSK9GeF/vs1Hb2NcmFNgs2X1v.FZAJ.G84o6S",
    "roles": [
        {
            "id": 2,
            "name": "ROLE_USER"
        }
    ],
    "enable": true,
    "admin": false
}
```

Se valida que no existan usuarios repetidos

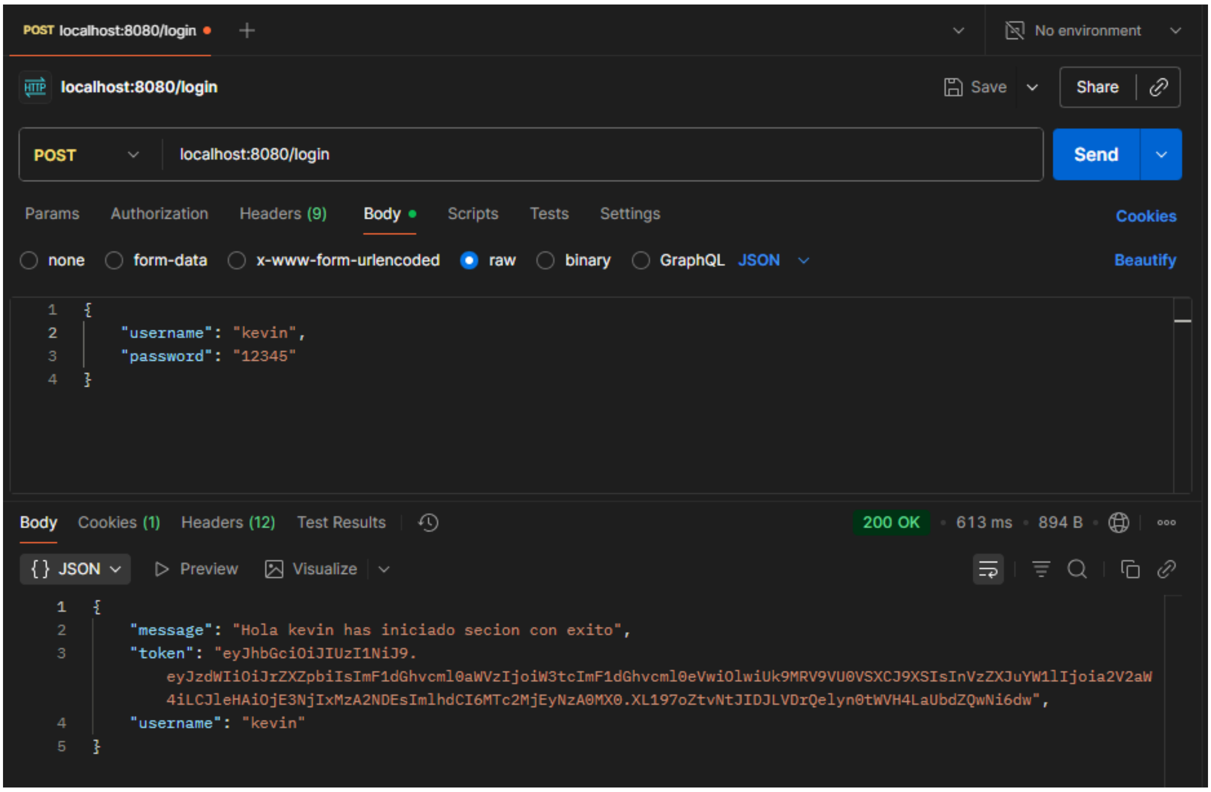


GET localhost:8080/api/use
POST localhost:8080/api/use
No environment
localhost:8080/api/users/register
Save
Share
POST
localhost:8080/api/users/register
Send
Params
Authorization
Headers (9)
Body
Scripts
Tests
Settings
Cookies
○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON
Beautify

```
{
"username": "kevin",
"password": "12345",
"enable": true,
"admin": false
}
```

```
{
    "username": "El campo username Ya existe en la base de datos"
}
```

Se valida que se logue con un usuario existente



POST localhost:8080/login

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
    "username": "kevin",
    "password": "12345"
}
```

200 OK • 613 ms • 894 B

{} JSON

```
{
    "message": "Hola kevin has iniciado secion con exito",
    "token": "eyJhbGciOiJIUzI1NiJ9.
        eyJzdWIiOiJrZXZpbiIsImF1dGhvcml0aWVzIjoiW3tcImF1dGhvcml0eVwiOlwiUk9MRV9VU0VSXCJ9XSIsInVzZXJuYW1lIjoia2V2aW
        4iLCJleHAiOjE3NjIxMzA2NDEsImlhdCI6MTc2MjEyNzA0MX0.XL197oZtvNtJIDJLVDrQelyn0tWVH4LaUbdZQwNi6dw",
    "username": "kevin"
}
```