

25 DE NOVIEMBRE DE 2024



**Universidad Tecnológica  
de Chihuahua**

## 3.2 CONEXIÓN DE API CON LA BASE DE DATOS UTILIZANDO SPRING BOOT Y POSTMAN

APLICACIONES WEB – IVONNE SIQUEIROS

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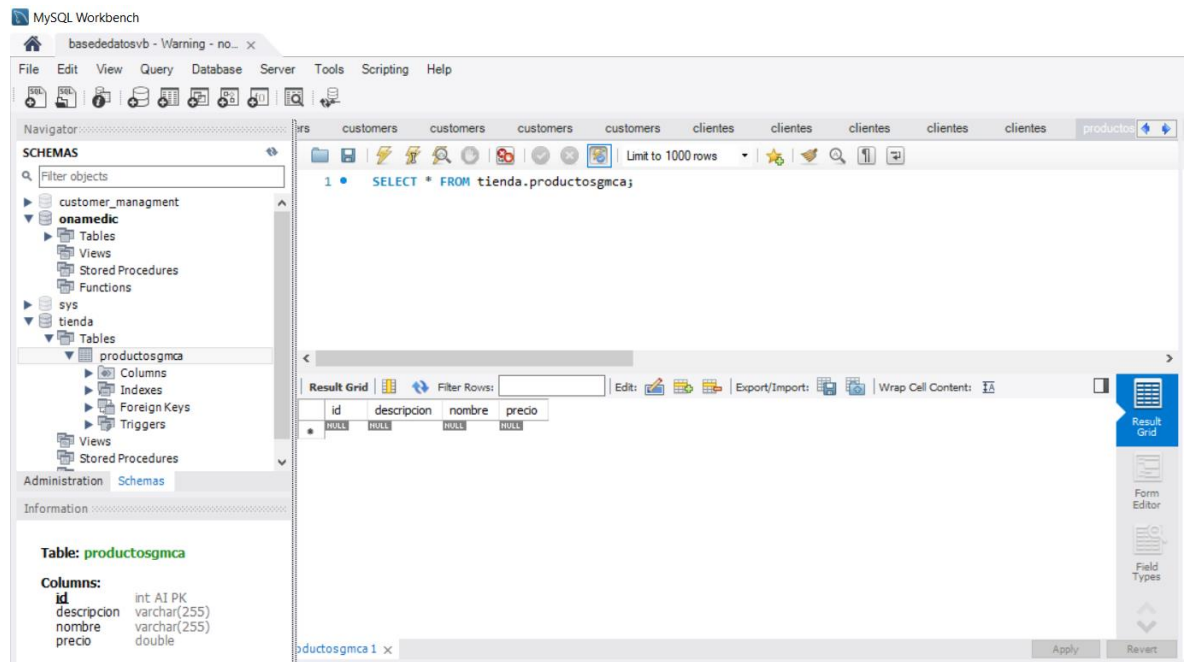
TID41D

## Evidencias

Por medio de la aplicación Postman se toman capturas de pantalla de la funcionalidad del proyecto

### Crear Tabla

Crear una tabla ProductosAAA (Sustituir las AAA por sus iniciales de apellidos y nombre)



### POST

Insertar información

POST localhost:8080/ + ...

localhost:8080/ Save

POST localhost:8080/ Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary JSON

```
1
2  {
3    "nombre": "Pluma",
4    "descripcion": "Pluma de color roja",
5    "precio": "5.33"
6  }
```

Body Cookies Headers (8) Test Results Status: 200 OK Time: 302 ms Size: 325 B Save Response

Pretty Raw Preview Visualize JSON

```
1
2  {
3    "id": 1,
4    "nombre": "Lapiz",
5    "descripcion": "Lapiz punta fina",
6    "precio": 9.52
7  }
```

POST localhost:8080/ + ...

localhost:8080/ Save

POST localhost:8080/ Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary JSON

```
1
2  {
3    "nombre": "Hoja100",
4    "descripcion": "Paquete de 100 hojas blancas",
5    "precio": "55.97"
6  }
```

Body Cookies Headers (8) Test Results Status: 200 OK Time: 15 ms Size: 328 B Save Response

Pretty Raw Preview Visualize JSON

```
1
2  {
3    "id": 2,
4    "nombre": "Pluma",
5    "descripcion": "Pluma de color roja",
6    "precio": 5.33
7  }
```

POST localhost:8080/

localhost:8080/

POST localhost:8080/ Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary JSON

```
1 {
2   "nombre": "Hoja100",
3   "descripcion": "Paquete de 100 hojas blancas",
4   "precio": "55.97"
5 }
```

Body Cookies Headers (8) Test Results

Status: 200 OK Time: 12 ms Size: 340 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 3,
3   "nombre": "Hoja100",
4   "descripcion": "Paquete de 100 hojas blancas",
5   "precio": 55.97
6 }
```

## GET by ID

Obtener información de un registro

The image displays two screenshots of a web browser's developer tools, specifically the REST client tab, showing two different GET requests and their corresponding JSON responses.

**Top Screenshot:**

- Request:** GET localhost:8080/2
- Response Body (JSON):**

```
{  "id": 2,  "nombre": "Pluma",  "descripcion": "Pluma de color roja",  "precio": 5.33}
```
- Status:** 200 OK, Time: 56 ms, Size: 328 B

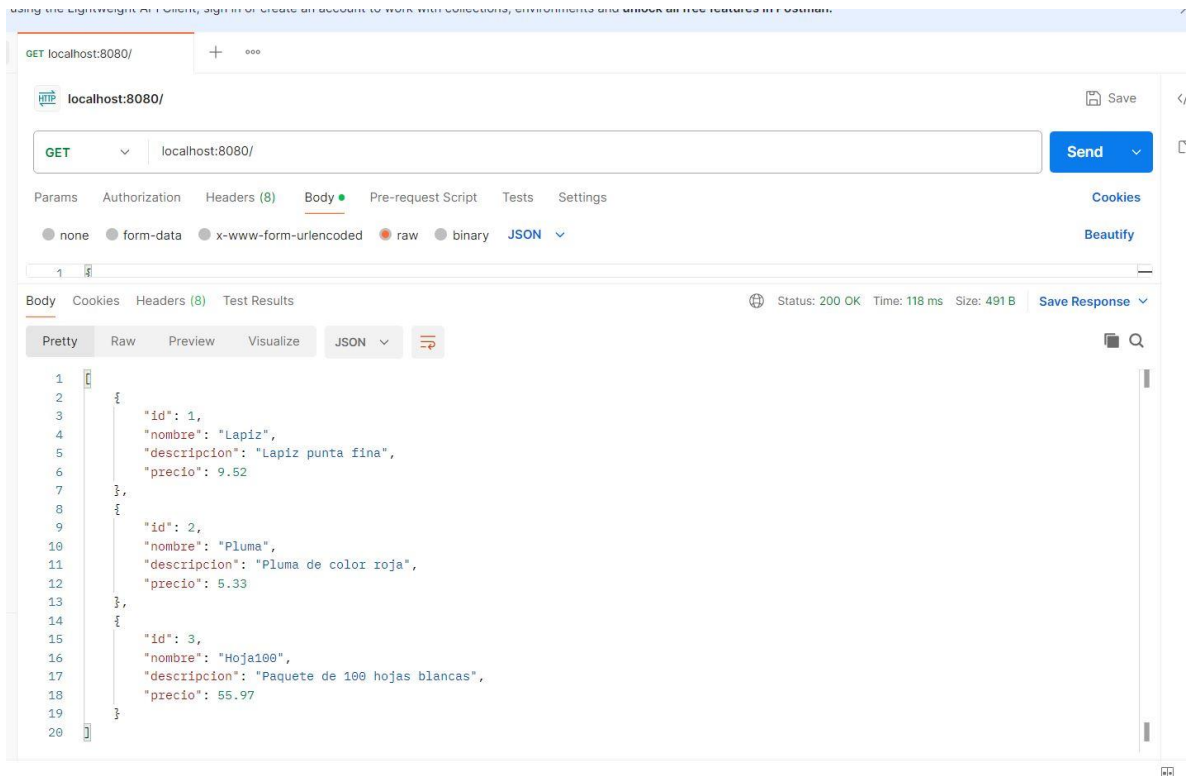
**Bottom Screenshot:**

- Request:** GET localhost:8080/1
- Response Body (JSON):**

```
{  "id": 1,  "nombre": "Lapiz",  "descripcion": "Lapiz punta fina",  "precio": 9.52}
```
- Status:** 200 OK, Time: 8 ms, Size: 325 B

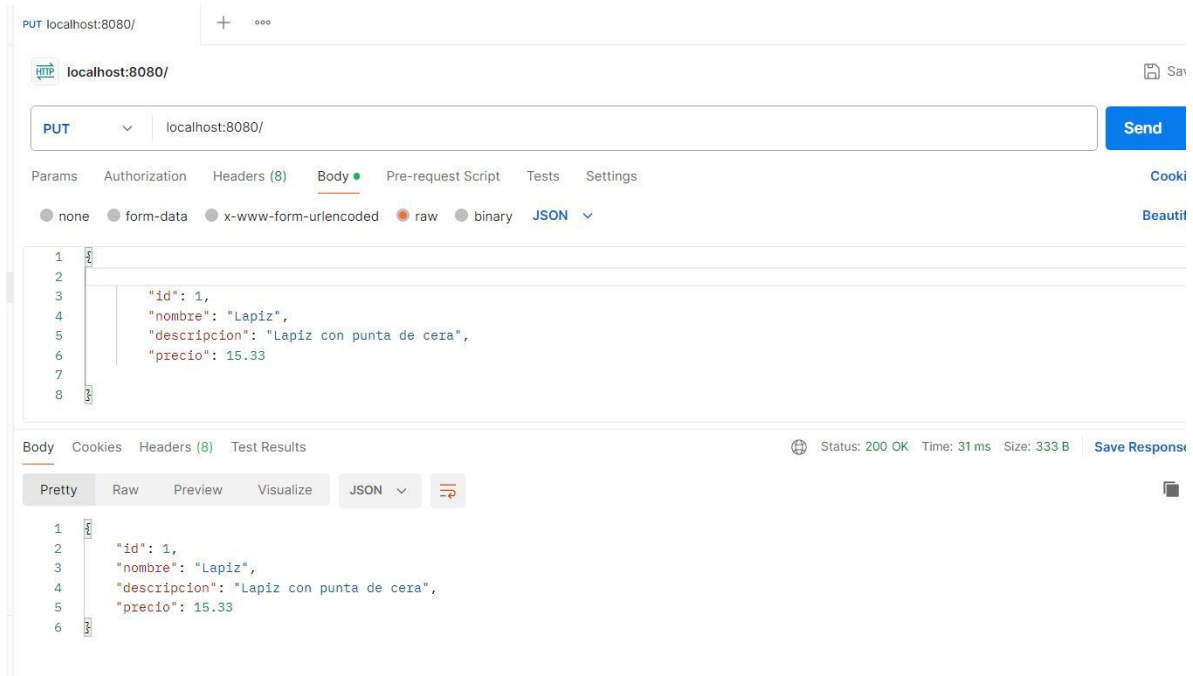
## GET ALL

Obtener información de varios registros



## PUT

### Actualizar registros



## DELETE

### Borrar registros

DEL localhost:8080/2

localhost:8080/2

DELETE localhost:8080/2

Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary JSON

Cookies Beautify

```
1 {
2   "id": 1,
3   "nombre": "Lapiz",
4   "descripcion": "Lapiz con punta de cera",
5   "precio": 15.33
6 }
7
8
```

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 26 ms Size: 212 B Save Response

Pretty Raw Preview Visualize Text

```
1
```

GET localhost:8080/

localhost:8080/

GET localhost:8080/

Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary JSON

Cookies Beautify

```
1 {
2   "id": 1,
3   "nombre": "Lapiz",
4   "descripcion": "Lapiz con punta de cera",
5   "precio": 15.33
6 },
7 {
8   "id": 3,
9   "nombre": "Hoja100",
10  "descripcion": "Paquete de 100 hojas blancas",
11  "precio": 55.97
12 }
13
14
```

Body Cookies Headers (8) Test Results

Status: 200 OK Time: 12 ms Size: 423 B Save Response

Pretty Raw Preview Visualize JSON