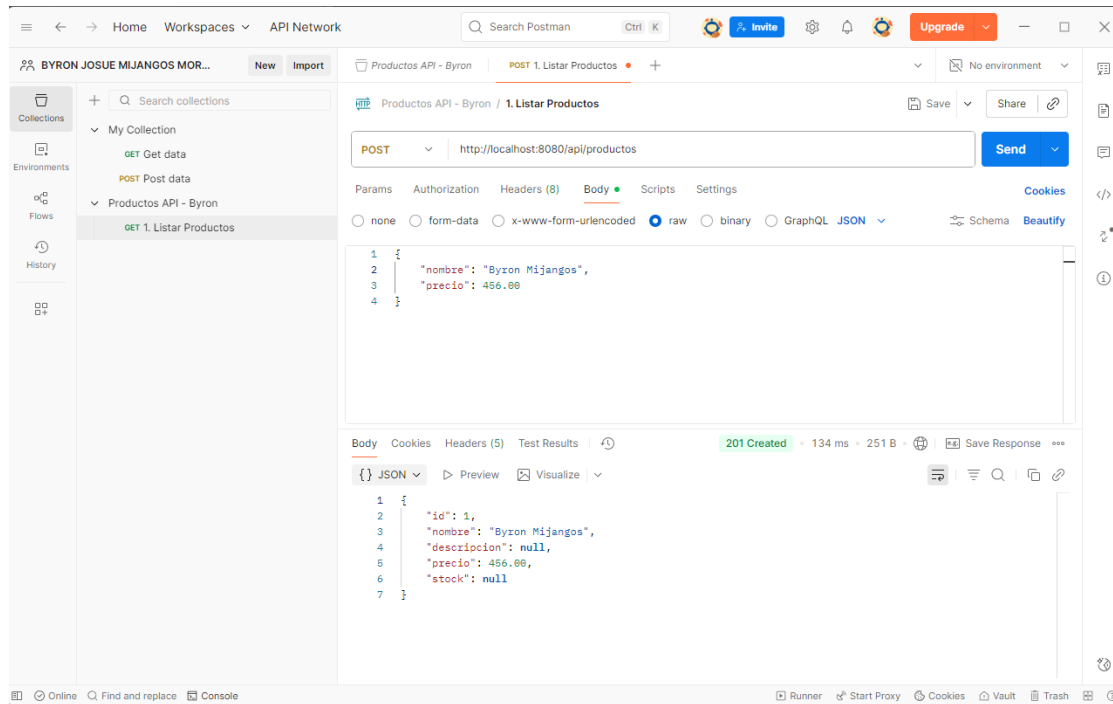
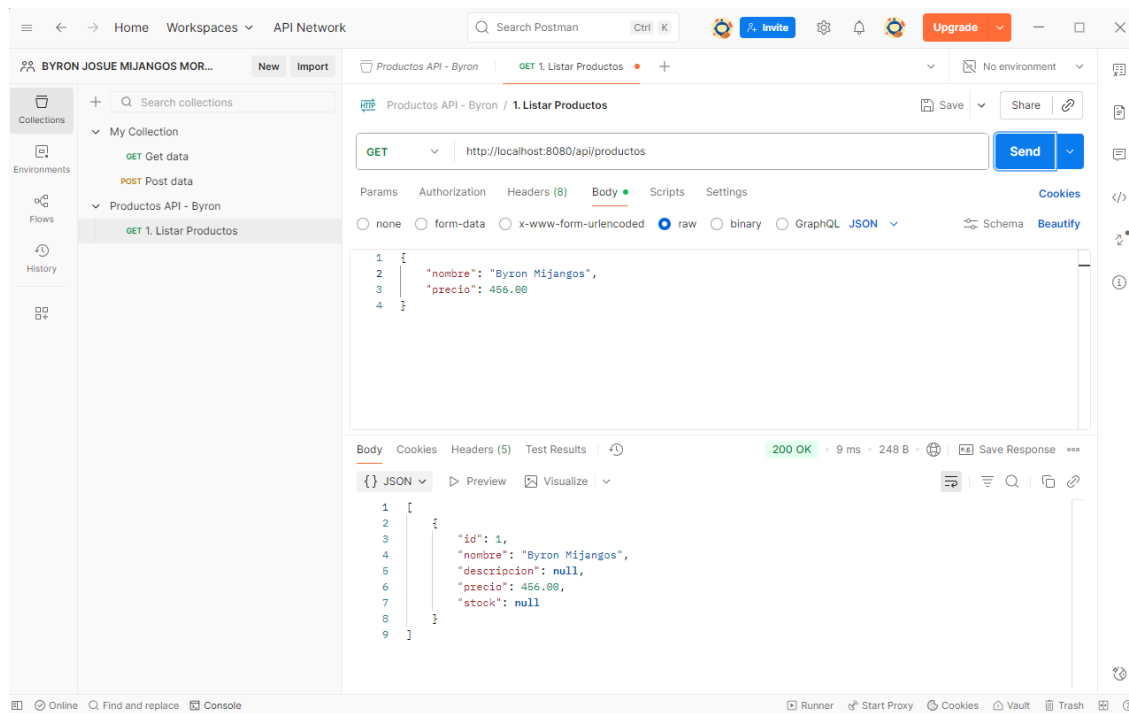


Capturas de pantalla en Postman

POST:



GET:



DELETE:

The screenshot shows the Postman interface with a DELETE request configured. The URL is `http://localhost:8080/api/productos/2`. The request is set to the 'Body' tab, and the body type is 'none'. The response is a 204 No Content status, indicating a successful deletion.

Request Details:

- Method: DELETE
- URL: `http://localhost:8080/api/productos/2`
- Body Type: none

Response Details:

- Status: 204 No Content
- Time: 408 ms
- Size: 112 B

The screenshot shows the Postman interface with a GET request configured. The URL is `http://localhost:8080/api/productos/1`. The request is set to the 'Body' tab, and the body type is 'raw'. The response is a 200 OK status, indicating a successful retrieval of data.

Request Details:

- Method: GET
- URL: `http://localhost:8080/api/productos/1`
- Body Type: raw

Response Details:

- Status: 200 OK
- Time: 7 ms
- Size: 246 B

Response Body (JSON):

```
1 {
2   "nombre": "Byron Morales",
3   "precio": 100.00
4 }
```

Response Body (JSON):

```
1 {
2   "id": 1,
3   "nombre": "Byron Mijangos",
4   "descripcion": null,
5   "precio": 456.00,
6   "stock": null
7 }
```

Database:

```
MySQL Client (MariaDB 12.0 ( X + v
Enter password: *****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 57
Server version: 12.0.2-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| productos_db |
| sys |
+-----+
5 rows in set (0.004 sec)

MariaDB [(none)]> USE productos_db;
Database changed
MariaDB [productos_db]> SHOW TABLES;
+-----+
| Tables_in_productos_db |
+-----+
| productos |
+-----+
1 row in set (0.001 sec)

MariaDB [productos_db]> DESCRIBE productos;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id | bigint(20) | NO | PRI | NULL | auto_increment |
| descripcion | varchar(255) | YES | | NULL | |
| nombre | varchar(255) | NO | | NULL | |
| precio | decimal(38,2) | NO | | NULL | |
| stock | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.018 sec)

MariaDB [productos_db]> SELECT * FROM productos;
+-----+-----+-----+-----+-----+
| id | descripcion | nombre | precio | stock |
+-----+-----+-----+-----+-----+
| 1 | NULL | Byron Mijangos | 456.00 | NULL |
+-----+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [productos_db]> |
```

Conexion de Springboot

```
Run
Project
ProductsApplication
application.properties
Product.java
ProductRepository.java
ProductsApplication.java
ProductService.java
ProductController.java
Console
Beans
Health
Mappings
Environment
:: Spring Boot :: (v3.5.7)
2025-10-26T20:21:52.906-06:00 INFO 20292 --- [products-api] [main] c.e.products.ProductsApplication : Starting ProductsApplication using Java 24.0.2 w
2025-10-26T20:21:52.909-06:00 INFO 20292 --- [products-api] [main] c.e.products.ProductsApplication : No active profile set, falling back to 1 default p
2025-10-26T20:21:53.812-06:00 INFO 20292 --- [products-api] [main] s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFN
2025-10-26T20:21:53.898-06:00 INFO 20292 --- [products-api] [main] s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 58 ms
2025-10-26T20:21:54.759-06:00 INFO 20292 --- [products-api] [main] s.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8080 (http)
2025-10-26T20:21:54.782-06:00 INFO 20292 --- [products-api] [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2025-10-26T20:21:54.783-06:00 INFO 20292 --- [products-api] [main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.48]
2025-10-26T20:21:54.887-06:00 INFO 20292 --- [products-api] [main] o.s.s.c.g.TomcatLocalhost : Initializing Spring embedded WebApplicationContext
2025-10-26T20:21:54.888-06:00 INFO 20292 --- [products-api] [main] o.s.s.c.g.TomcatLocalhost : Root WebApplicationContext: initialization complete
2025-10-26T20:21:55.133-06:00 INFO 20292 --- [products-api] [main] o.hibernate.jpa.internal.util.LogHelper : HH0000284: Processing PersistenceUnitInfo [name: dv
2025-10-26T20:21:55.237-06:00 INFO 20292 --- [products-api] [main] org.hibernate.Version : HH0000412: Hibernate ORM core version 6.6.33.Final
2025-10-26T20:21:55.292-06:00 INFO 20292 --- [products-api] [main] o.s.h.c.internal.RegionFactoryInitiator : HH0000026: Second-level cache disabled
2025-10-26T20:21:55.719-06:00 INFO 20292 --- [products-api] [main] o.s.e.j.p.SpringPersistenceUnitInfo : No loadTimeWeaver setup; ignoring JPA class transf
2025-10-26T20:21:55.735-06:00 INFO 20292 --- [products-api] [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2025-10-26T20:21:55.856-06:00 INFO 20292 --- [products-api] [main] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Added connection org.mariadb.jdbc.C
2025-10-26T20:21:55.858-06:00 INFO 20292 --- [products-api] [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2025-10-26T20:21:55.898-06:00 WARN 20292 --- [products-api] [main] org.hibernate.orm.deprecation : HH09000025: MariaDBDialect does not need to be sp
2025-10-26T20:21:55.916-06:00 INFO 20292 --- [products-api] [main] org.hibernate.orm.connections.pooling : HH010001005: Database info:
Database JDBC URL [Connecting through datasource 'HikariDataSource (HikariPool-1)']
Database driver: undefined/unknown
Database version: 12.0.4
Autocommit mode: undefined/unknown
Isolation level: undefined/unknown
Minimum pool size: undefined/unknown
Maximum pool size: undefined/unknown
2025-10-26T20:21:56.943-06:00 INFO 20292 --- [products-api] [main] o.h.e.t.j.p.i.JtaPlatformInitiator : HH0000489: No JTA platform available (set 'hiberna
2025-10-26T20:21:57.013-06:00 INFO 20292 --- [products-api] [main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persisten
2025-10-26T20:21:57.251-06:00 WARN 20292 --- [products-api] [main] jpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Ther
2025-10-26T20:21:57.630-06:00 INFO 20292 --- [products-api] [main] s.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context pa
2025-10-26T20:21:57.659-06:00 INFO 20292 --- [products-api] [main] c.e.products.ProductsApplication : Started ProductsApplication in 3.417 seconds (pro
2025-10-26T20:22:43.411-06:00 INFO 20292 --- [products-api] [nio-8080-exec-2] o.s.s.c.g.TomcatLocalhost : Initializing Spring DispatcherServlet 'dispatcherSv
2025-10-26T20:22:43.411-06:00 INFO 20292 --- [products-api] [nio-8080-exec-2] s.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2025-10-26T20:22:43.413-06:00 INFO 20292 --- [products-api] [nio-8080-exec-2] s.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms
Hibernate:
select
pl.0.1d.
```