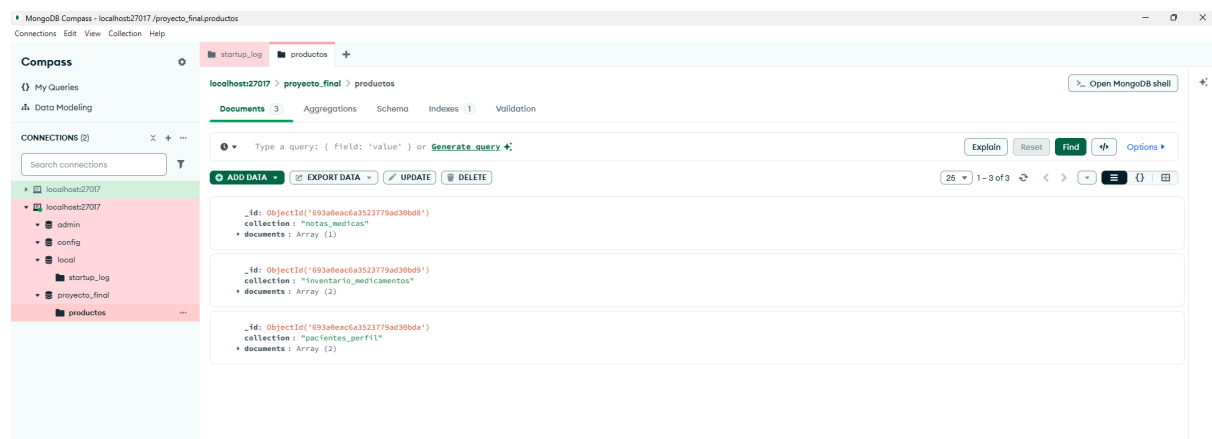


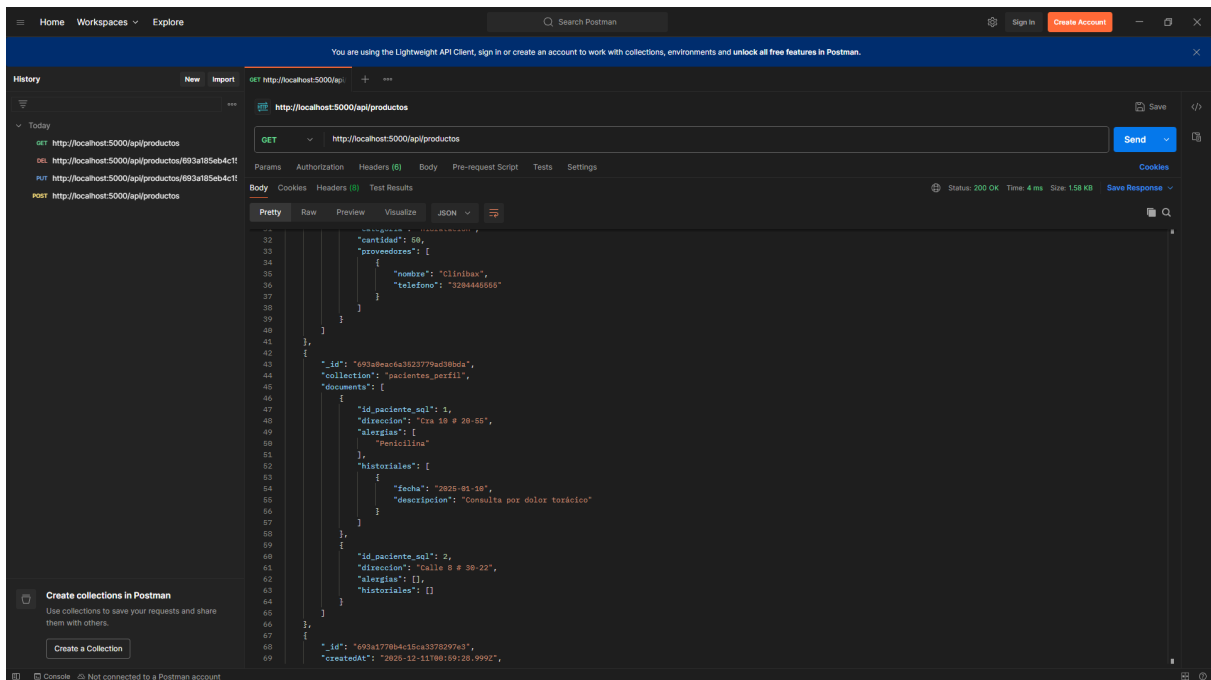
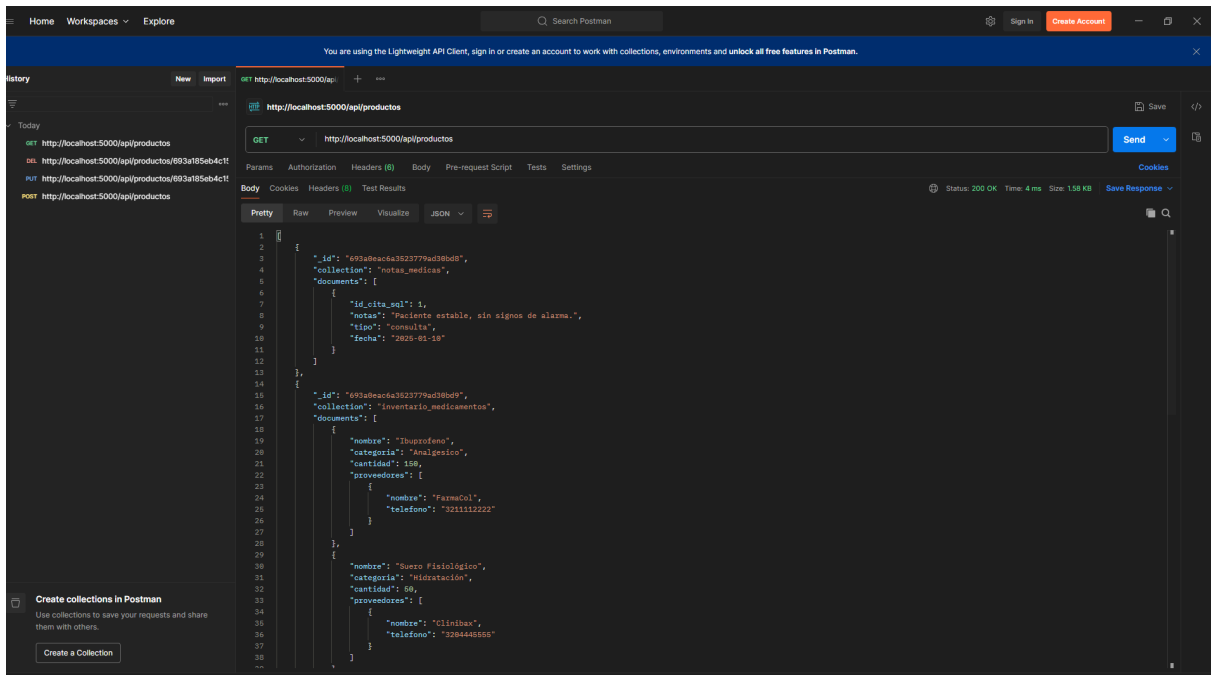
```
C:\Users\crist>docker exec -it redis-final redis-cli
127.0.0.1:6379> INCR visitas
(integer) 1
127.0.0.1:6379> INCR visitas
(integer) 2
127.0.0.1:6379> GET visitas
"2"
127.0.0.1:6379> LPUSH cola_espera "cliente1"
(integer) 1
127.0.0.1:6379> LPUSH cola_espera "cliente2"
(integer) 2
127.0.0.1:6379> LRANGE cola_espera 0 -1
1) "cliente2"
2) "cliente1"
127.0.0.1:6379> HSET sesion:123 usuario "sebas" rol "admin" estado "activo"
(integer) 3
127.0.0.1:6379> HGETALL sesion:123
1) "usuario"
2) "sebas"
3) "rol"
4) "admin"
5) "estado"
6) "activo"
127.0.0.1:6379> SADD conectados user1
(integer) 1
127.0.0.1:6379> SADD conectados user2
(integer) 1
127.0.0.1:6379> SADD conectados user1
(integer) 0
```

```

127.0.0.1:6379> INCR visitas
(integer) 2
127.0.0.1:6379> GET visitas
"2"
127.0.0.1:6379> LPUSH cola_espera "cliente1"
(integer) 1
127.0.0.1:6379> LPUSH cola_espera "cliente2"
(integer) 2
127.0.0.1:6379> LRange cola_espera 0 -1
1) "cliente2"
2) "cliente1"
127.0.0.1:6379> HSET sesion:123 usuario "sebas" rol "admin" estado "activo"
(integer) 3
127.0.0.1:6379> HGETALL sesion:123
1) "usuario"
2) "sebas"
3) "rol"
4) "admin"
5) "estado"
6) "activo"
127.0.0.1:6379> SADD conectados user1
(integer) 1
127.0.0.1:6379> SADD conectados user2
(integer) 1
127.0.0.1:6379> SADD conectados user1
(integer) 0
127.0.0.1:6379> SMEMBERS conectados
1) "user1"
2) "user2"
127.0.0.1:6379> |

```





<input type="checkbox"/>	● mongodb	d9fd4beec1af	mongo:6	27018:27017	0.33%	4 hours	■	⋮	🗑
<input type="checkbox"/>	● redis-final	061fa104a00a	redis	6379:6379	0.1%	3 hours	■	⋮	🗑

```

PS C:\Users\crist\OneDrive\Escritorio\Bases> cd .\apiMongo\
PS C:\Users\crist\OneDrive\Escritorio\Bases\apiMongo> node server
Servidor en puerto 5000
MongoDB conectado

```



```
68 SELECT p.nombre, p.apellido, c.fecha, m.nombre AS medico
69 FROM cita c
70 INNER JOIN paciente p ON c.id_paciente = p.id_paciente
71 INNER JOIN medico m ON c.id_medico = m.id_medico;
72
73
74
```

Data Output Messages Notifications				
<div>Showing rows: 1 to 2 Page No: 1 of 1</div>				
	nombre character varying (50)	apellido character varying (50)	fecha date	medico character varying (50)
1	Juan	Perez	2025-10-01	Dr Gomez
2	Ana	Lopez	2025-10-02	Dr Ruiz

Total rows: 2 Query complete 00:00:00.087 CRLF Ln 68, Col 1

```
73
74
75 SELECT p.nombre, f.total
76 FROM paciente p
77 LEFT JOIN factura f ON p.id_paciente = f.id_paciente;
78
79
80 SELECT id_paciente, COUNT(*) AS total_citas
81 FROM cita
82 GROUP BY id_paciente
83 HAVING COUNT(*) > 1;
84
```

Data Output Messages Notifications		
<div>Showing rows: 1 to 2 Page No: 1 of 1</div>		
	nombre character varying (50)	total numeric (10,2)
1	Juan	150000.00
2	Ana	[null]

Total rows: 2 Query complete 00:00:00.080 CRLF Ln 75, Col 1

Query Query History Scratch Pad x

```
83 HAVING COUNT(*) > 1;
84
85
86 SELECT nombre, apellido
87 FROM paciente
88 WHERE id_paciente IN (
89     SELECT id_paciente FROM factura
90 );
91
92
93
94 WITH Totales AS (
```

Data Output Messages Notifications

Showing rows: 1 to 1 Page No: 1 of 1

	nombre character varying (50)	apellido character varying (50)
1	Juan	Perez

Total rows: 1 Query complete 00:00:00.136 CRLF Ln 86, Col 1

```
93
94 WITH Totales AS (
95     SELECT id_paciente, SUM(total) AS gasto_total
96     FROM factura
97     GROUP BY id_paciente
98 )
99 SELECT * FROM Totales WHERE gasto_total > 100000;
```

Data Output Messages Notifications

Showing rows: 1 to 1 Page No: 1 of 1

	id_paciente integer	gasto_total numeric
1	1	150000.00

Total rows: 1 Query complete 00:00:00.127 CRLF Ln 99, Col 50