

## Creo la base de datos

```
C:\Windows\System32\cmd.exe - mongo
MongoDB shell version v5.0.14
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("d1c0e087-125f-41d4-95c0-a287aae3c148") }
MongoDB server version: 5.0.14
=====
Warning: the "mongo" shell has been superseded by "mongosh",
which delivers improved usability and compatibility. The "mongo" shell has been deprecated and will be removed in
an upcoming release.
For installation instructions, see
https://docs.mongodb.com/mongodb-shell/install/
=====
---
The server generated these startup warnings when booting:
  2022-11-29T19:57:11.731-03:00: Access control is not enabled for the database. Read and write access to data and
configuration is unrestricted
  ---
  Enable MongoDB's free MongoDB-based monitoring service, which will then receive and display
metrics about your deployment (disk utilization, CPU, operation statistics, etc).

  The monitoring data will be available on a MongoDB website with a unique URL accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

  To enable free monitoring, run the following command: db.enableFreeMonitoring()
  To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
  ---
> use ecommerce;
switched to db ecommerce
>
```

## Creo las colecciones con el script

```
C:\Windows\System32\cmd.exe - mongo
The monitoring data will be available on a MongoDB website with a unique URL accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---
> show databases
admin            0.000GB
config           0.000GB
dbEjercicio      0.000GB
ecommerce        0.000GB
local            0.000GB
sistema         0.000GB
> use ecommerce
switched to db ecommerce
> show collections
mensajes
productos
> load ("scriptMong.js")
{"t":{"$date":"2022-12-06T12:33:36.508Z"},"s":"E",  "c":"-",        "id":22779,   "ctx":"js","msg":"file [{filename}] do
esn't exist","attr":{"filename":"scriptMong.js"}}
Error: error loading js file: scriptMong.js :
@(_shell):1:1
> load ("scriptMong.js")
connecting to: mongodb://localhost:27017/ecommerce
Implicit session: session { "id" : UUID("1ab78925-7c62-4608-b09c-d620d51b3376") }
MongoDB server version: 5.0.14
true
>
```

## Consulto las colecciones

```
C:\Windows\System32\cmd.exe - mongo
@(_shell):1:1
Error: error loading js file: scriptMong.js :
@(_shell):1:1
> load ("scriptMong.js")
uncaught exception: SyntaxError: redeclaration of let database :
scriptMong.js:1:1
@(_shell):1:1
Error: error loading js file: scriptMong.js :
@(_shell):1:1
> load ("scriptMong.js")
true
> db.productos.find()
{"_id" : ObjectId("638f39399e0e060a19271b6"), "nombre" : "gorra bullbasur", "descripcion" : "bermuda", "codigo" : 23459, "url" : "https://d3ugyf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 120, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28" }
{"_id" : ObjectId("638f39399e0e060a19271b7"), "nombre" : "pantalón bullbasur", "descripcion" : "bermuda", "codigo" : 23460, "url" : "https://d3ugyf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 580, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28" }
{"_id" : ObjectId("638f39399e0e060a19271b8"), "nombre" : "remera bullbasur", "descripcion" : "bermuda", "codigo" : 23461, "url" : "https://d3ugyf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 900, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28" }
{"_id" : ObjectId("638f39399e0e060a19271b9"), "nombre" : "boxer bullbasur", "descripcion" : "bermuda", "codigo" : 23462, "url" : "https://d3ugyf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 1280, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28" }
{"_id" : ObjectId("638f39399e0e060a19271ba"), "nombre" : "medias bullbasur", "descripcion" : "bermuda", "codigo" : 23464, "url" : "https://d3ugyf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 1700, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28" }
{"_id" : ObjectId("638f39399e0e060a19271bb"), "nombre" : "zaparrillas bullbasur", "descripcion" : "bermuda", "codigo" : 23465, "url" : "https://d3ugyf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 3350, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28" }
{"_id" : ObjectId("638f39399e0e060a19271bc"), "nombre" : "gorra pikachu", "descripcion" : "bermuda", "codigo" : 23450, "url" : "https://d3ugyf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 2860, "stock" : 250, "timestamp" : "23/11/2022, 15:29:41" }
{"_id" : ObjectId("638f39399e0e060a19271bd"), "nombre" : "medias pikachu", "descripcion" : "bermuda", "codigo" : 23451, "url" : "https://d3ugyf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 3350, "stock" : 250, "timestamp" : "23/11/2022, 15:29:41" }
{"_id" : ObjectId("638f39399e0e060a19271be"), "nombre" : "remera pikachu", "descripcion" : "bermuda", "codigo" : 23452, "url" : "https://d3ugyf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 4320, "stock" : 250, "timestamp" : "23/11/2022, 15:29:41" }
{"_id" : ObjectId("638f39399e0e060a19271bf"), "nombre" : "pantalón pikachu", "descripcion" : "bermuda", "codigo" : 23453, "url" : "https://d3ugyf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 4990, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28" }
true
> db.mensajes.find()
{"_id" : ObjectId("638f39399e0e060a19271ac"), "autor" : "fernando_punk77@hotmail.com", "mensaje" : "hola", "hora" : "26/11/2022, 15:29:41" }
{"_id" : ObjectId("638f39399e0e060a19271ad"), "autor" : "fernando_punk77@hotmail.com", "mensaje" : "como estan?", "hora" : "26/11/2022, 15:29:41" }
{"_id" : ObjectId("638f39399e0e060a19271ae"), "autor" : "fernando_punk77@hotmail.com", "mensaje" : "estoy creando los productos", "hora" : "26/11/2022, 15:29:41" }
{"_id" : ObjectId("638f39399e0e060a19271af"), "autor" : "fernando_punk77@hotmail.com", "mensaje" : "los van a ver en las vitas", "hora" : "26/11/2022, 15:29:41" }
{"_id" : ObjectId("638f39399e0e060a19271b0"), "autor" : "fernando_punk77@hotmail.com", "mensaje" : "la vista de productos", "hora" : "26/11/2022, 15:29:41" }
{"_id" : ObjectId("638f39399e0e060a19271b1"), "autor" : "fernando_punk77@hotmail.com", "mensaje" : "esten atentos", "hora" : "26/11/2022, 15:29:41" }
{"_id" : ObjectId("638f39399e0e060a19271b2"), "autor" : "fernando_punk77@hotmail.com", "mensaje" : "si no los ven", "hora" : "26/11/2022, 15:29:41" }
{"_id" : ObjectId("638f39399e0e060a19271b3"), "autor" : "fernando_punk77@hotmail.com", "mensaje" : "pon favor me avisan", "hora" : "26/11/2022, 15:29:41" }
{"_id" : ObjectId("638f39399e0e060a19271b4"), "autor" : "fernando_punk77@hotmail.com", "mensaje" : "saludos", "hora" : "26/11/2022, 15:29:41" }
{"_id" : ObjectId("638f39399e0e060a19271b5"), "autor" : "fernando_punk77@hotmail.com", "mensaje" : "holaaaa", "hora" : "26/11/2022, 15:29:41" }
```

### Muestro la cantidad de documentos en cada colección

```

C:\Windows\System32\cmd.exe - mongo
IncapOut exception: SyntaxError: Redefinition of let database:
scriptMongo.js:1:11
Error: error loading js file: scriptMongo.js:
1
  (shell)1:11
    load ("scriptMongo.js")
  true
  > db.products.find()
  {
    "_id" : ObjectId("638f393996e066a19271ab"), "nombre" : "gorra bullbasur", "descripcion" : "bermuda", "codigo" : 23459, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a2601-09df2b5355ea63aff16138279852370-640-0.jpg", "precio" : 120, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
    "id" : ObjectId("638f393996e066a19271ab"), "nombre" : "pantalon bullbasur", "descripcion" : "bermuda", "codigo" : 23460, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a2601-09df2b5355ea63aff16138279852370-640-0.jpg", "precio" : 580, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
    "id" : ObjectId("638f393996e066a19271ab"), "nombre" : "remera bullbasur", "descripcion" : "bermuda", "codigo" : 23461, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a2601-09df2b5355ea63aff16138279852370-640-0.jpg", "precio" : 960, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
    "id" : ObjectId("638f393996e066a19271ab"), "nombre" : "boxer bullbasur", "descripcion" : "bermuda", "codigo" : 23462, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a2601-09df2b5355ea63aff16138279852370-640-0.jpg", "precio" : 1280, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
    "id" : ObjectId("638f393996e066a19271ab"), "nombre" : "medias bullbasur", "descripcion" : "bermuda", "codigo" : 23464, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a2601-09df2b5355ea63aff16138279852370-640-0.jpg", "precio" : 1700, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
    "id" : ObjectId("638f393996e066a19271ab"), "nombre" : "zapallitas bullbasur", "descripcion" : "bermuda", "codigo" : 23465, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a2601-09df2b5355ea63aff16138279852370-640-0.jpg", "precio" : 2300, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
    "id" : ObjectId("638f393996e066a19271ab"), "nombre" : "gorra pikachu", "descripcion" : "bermuda", "codigo" : 23450, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a2601-09df2b5355ea63aff16138279852370-640-0.jpg", "precio" : 2860, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
    "id" : ObjectId("638f393996e066a19271ab"), "nombre" : "medias pikachu", "descripcion" : "bermuda", "codigo" : 23451, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a2601-09df2b5355ea63aff16138279852370-640-0.jpg", "precio" : 3350, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
    "id" : ObjectId("638f393996e066a19271ab"), "nombre" : "remera pikachu", "descripcion" : "bermuda", "codigo" : 23452, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a2601-09df2b5355ea63aff16138279852370-640-0.jpg", "precio" : 4320, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
    "id" : ObjectId("638f393996e066a19271ab"), "nombre" : "pantalon pikachu", "descripcion" : "bermuda", "codigo" : 23453, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a2601-09df2b5355ea63aff16138279852370-640-0.jpg", "precio" : 4990, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
  }
  > db.mensajes.find()
  {
    "_id" : ObjectId("638f393996e066a19271aa"), "autor" : "fernando.punk7@hotmail.com", "mensaje" : "hola", "hora" : "26/11/2022, 15:29:41"}
    "id" : ObjectId("638f393996e066a19271aa"), "autor" : "fernando.punk7@hotmail.com", "mensaje" : "como estan", "hora" : "26/11/2022, 15:29:41"}
    "id" : ObjectId("638f393996e066a19271aa"), "autor" : "fernando.punk7@hotmail.com", "mensaje" : "estoy creando los productos", "hora" : "26/11/2022, 15:29:41"}
    "id" : ObjectId("638f393996e066a19271af"), "autor" : "fernando.punk7@hotmail.com", "mensaje" : "Los van a ver en las vista", "hora" : "26/11/2022, 15:29:41"}
    "id" : ObjectId("638f393996e066a19271bb"), "autor" : "fernando.punk7@hotmail.com", "mensaje" : "La vista de productos", "hora" : "26/11/2022, 15:30:41"}
    "id" : ObjectId("638f393996e066a19271bb"), "autor" : "fernando.punk7@hotmail.com", "mensaje" : "esten atentos", "hora" : "26/11/2022, 15:29:41"}
    "id" : ObjectId("638f393996e066a19271bb"), "autor" : "fernando.punk7@hotmail.com", "mensaje" : "no los ven", "hora" : "26/11/2022, 15:29:41"}
    "id" : ObjectId("638f393996e066a19271bb"), "autor" : "fernando.punk7@hotmail.com", "mensaje" : "por favor me avisan", "hora" : "26/11/2022, 15:29:41"}
    "id" : ObjectId("638f393996e066a19271bb"), "autor" : "fernando.punk7@hotmail.com", "mensaje" : "saludos", "hora" : "26/11/2022, 15:29:41"}
    "id" : ObjectId("638f393996e066a19271bb"), "autor" : "fernando.punk7@hotmail.com", "mensaje" : "holaaaa", "hora" : "26/11/2022, 15:29:41"}
  }
  > db.products.count()
  10
  > db.mensajes.count()
  10

```

## Realizando CRUD en la colección Productos

Agregar 1 producto más a la colección

```
C:\Windows\System32\cmd.exe - mongo
true
db.products.find()
{
  "_id": "ObjectID('638f393998e060e19271b6')", "nombre": "gorra bullbasur", "descripcion": "bermuda", "codigo": 23459, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/da2a26021-09df2b5d355ea63aff18279852370-640-0.jpg", "precio": 120, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
{
  "_id": "ObjectID('638f393998e060e19271b6')", "nombre": "pantalon bullbasur", "descripcion": "bermuda", "codigo": 23460, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/da2a26021-09df2b5d355ea63aff18279852370-640-0.jpg", "precio": 580, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
{
  "_id": "ObjectID('638f393998e060e19271b8')", "nombre": "remera bullbasur", "descripcion": "bermuda", "codigo": 23461, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/da2a26021-09df2b5d355ea63aff18279852370-640-0.jpg", "precio": 900, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
{
  "_id": "ObjectID('638f393998e060e19271b9')", "nombre": "boxer bullbasur", "descripcion": "bermuda", "codigo": 23462, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/da2a26021-09df2b5d355ea63aff18279852370-640-0.jpg", "precio": 1200, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
{
  "_id": "ObjectID('638f393998e060e19271ba')", "nombre": "medias bullbasur", "descripcion": "bermuda", "codigo": 23464, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/da2a26021-09df2b5d355ea63aff18279852370-640-0.jpg", "precio": 1700, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
{
  "_id": "ObjectID('638f393998e060e19271bb')", "nombre": "zapattillas bullbasur", "descripcion": "bermuda", "codigo": 23465, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/da2a26021-09df2b5d355ea63aff18279852370-640-0.jpg", "precio": 2300, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
{
  "_id": "ObjectID('638f393998e060e19271bc')", "nombre": "gorra pikachu", "descripcion": "bermuda", "codigo": 23458, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/da2a26021-09df2b5d355ea63aff18279852370-640-0.jpg", "precio": 2860, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
{
  "_id": "ObjectID('638f393998e060e19271bd')", "nombre": "medias pikachu", "descripcion": "bermuda", "codigo": 23451, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/da2a26021-09df2b5d355ea63aff18279852370-640-0.jpg", "precio": 3350, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
{
  "_id": "ObjectID('638f393998e060e19271be')", "nombre": "remera pikachu", "descripcion": "bermuda", "codigo": 23452, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/da2a26021-09df2b5d355ea63aff18279852370-640-0.jpg", "precio": 4300, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
{
  "_id": "ObjectID('638f393998e060e19271bf')", "nombre": "pantalon pikachu", "descripcion": "bermuda", "codigo": 23453, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/da2a26021-09df2b5d355ea63aff18279852370-640-0.jpg", "precio": 4990, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
db.mensajes.find()
{
  "_id": "ObjectID('638f393998e060e19271a1')", "autor": "fernando.punk7@hotmail.com", "mensaje": "hola", "hora": "26/11/2022, 15:29:41"}
{
  "_id": "ObjectID('638f393998e060e19271a2')", "autor": "fernando.punk7@hotmail.com", "mensaje": "como estan", "hora": "26/11/2022, 15:29:41"}
{
  "_id": "ObjectID('638f393998e060e19271a3')", "autor": "fernando.punk7@hotmail.com", "mensaje": "estoy creando los productos", "hora": "26/11/2022, 15:29:41"}
{
  "_id": "ObjectID('638f393998e060e19271a4')", "autor": "fernando.punk7@hotmail.com", "mensaje": "los van a ver en las lista", "hora": "26/11/2022, 15:29:41"}
{
  "_id": "ObjectID('638f393998e060e19271ab')", "autor": "fernando.punk7@hotmail.com", "mensaje": "la vista de productos", "hora": "26/11/2022, 15:29:41"}
{
  "_id": "ObjectID('638f393998e060e19271ba')", "autor": "fernando.punk7@hotmail.com", "mensaje": "esten atentos", "hora": "26/11/2022, 15:29:41"}
{
  "_id": "ObjectID('638f393998e060e19271bb')", "autor": "fernando.punk7@hotmail.com", "mensaje": "si no los ven", "hora": "26/11/2022, 15:29:41"}
{
  "_id": "ObjectID('638f393998e060e19271bc')", "autor": "fernando.punk7@hotmail.com", "mensaje": "por favor me avisan", "hora": "26/11/2022, 15:29:41"}
{
  "_id": "ObjectID('638f393998e060e19271bd')", "autor": "fernando.punk7@hotmail.com", "mensaje": "saludos", "hora": "26/11/2022, 15:29:41"}
{
  "_id": "ObjectID('638f393998e060e19271b5')", "autor": "fernando.punk7@hotmail.com", "mensaje": "holaaaa", "hora": "26/11/2022, 15:29:41"}
db.products.count()
10
db.mensajes.count()
10
db.products.insertOne({'nombre': 'vestido bullbasur', 'descripcion': 'bermuda', 'codigo': 23459, 'url': 'https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/da2a26021-09df2b5d355ea63aff18279852370-640-0.jpg', 'precio': 1200, 'stock': 250, 'timestamp': '23/11/2022, 18:23:28'})
{
  "acknowledged": true,
  "insertedid": "ObjectID('638f3a2968e060e19271c8')"}

```

Listo todos los productos con precio menor a 1000

```
db.products.find({precio:{$lt:1000}})
  "_id" : ObjectId("63f83999968e066ea1927b16"), "nombre" : "gorra bullbasur", "descripcion" : "bermuda", "codigo" : 23459, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852378-640-0.jpg", "precio" : 120, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"},
  "_id" : ObjectId("63f83999968e066ea1927b17"), "nombre" : "pantalón bullbasur", "descripcion" : "bermuda", "codigo" : 23460, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852378-640-0.jpg", "precio" : 580, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"},
  "_id" : ObjectId("63f83999968e066ea1927b18"), "nombre" : "remera bullbasur", "descripcion" : "bermuda", "codigo" : 23461, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852378-640-0.jpg", "precio" : 900, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
```

## Listo los productos con precio entre 1000 y 3000

```
db.products.find({'$and':[{'precio':{'$gt':1800}},{'precio':{'$lt':3000}}]})
{
  "_id" : "ObjectID('638f3939968e06a19271b9')", "nombre" : "boxer bullbasur", "descripcion" : "bermuda", "codigo" : "23462", "url" : "https://d3ugyfzhtgaenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 1280, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
{
  "_id" : "ObjectID('638f3939968e06a19271ba')", "nombre" : "medias bullbasur", "descripcion" : "bermuda", "codigo" : "23464", "url" : "https://d3ugyfzhtgaenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 1700, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
{
  "_id" : "ObjectID('638f3939968e06a19271bb')", "nombre" : "zapallitas bullbasur", "descripcion" : "bermuda", "codigo" : "23465", "url" : "https://d3ugyfzhtgaenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 2800, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
{
  "_id" : "ObjectID('638f3939968e06a19271bc')", "nombre" : "pantalones bullbasur", "descripcion" : "bermuda", "codigo" : "23456", "url" : "https://d3ugyfzhtgaenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 2860, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}
{
  "_id" : "ObjectID('638f3ad2968e06a19271c0')", "nombre" : "vestido bullbasur", "descripcion" : "bermuda", "codigo" : "23459", "url" : "https://d3ugyfzhtgaenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio" : 1209, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28"}

```

Listo los productos con precio mayor a 3000

```
db.products.find({'precio':{'$gt:3000'}})
  "id": ObjectID("63bf393996be066ea19271bd"), "nombre": "medias pikachu", "descripcion": "bermuda", "codigo": 23451, "url": "https://d3uygf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 3350, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
  "id": ObjectID("63bf393996be066ea19271be"), "nombre": "remera pikachu", "descripcion": "bermuda", "codigo": 23452, "url": "https://d3uygf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 4320, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
  "id": ObjectID("63bf393996be066ea19271bf"), "nombre": "pantalon pikachu", "descripcion": "bermuda", "codigo": 23453, "url": "https://d3uygf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 4990, "stock": 250, "timestamp": "23/11/2022, 18:23:28"}
}
```

Listo el tercer producto mas barato

```
> db.products.find().sort({precio:1}).limit(1).skip(2)
{ "_id" : ObjectId("638f3ad2968e0606a19271c0"), "nombre" : "vestido bullbasur", "descripcion" : "bermuda", "codigo" : 23459, "url" : "https://d3ugyf2ht6aenh.cloudfront.net/stores/806/999/products/de2a26821-09df2b5d355ea3aff16138279852370-640-0.jpg", "precio" : 1209, "stock" : 250, "timestamp" : "23/11/2022, 18:23:28" }
```

Cambio el stock de todos los productos a 100

```
db.products.updateMany({},{$set:{stock:100}})
    "acknowledged": true, "matchedCount": 11, "modifiedCount": 11 }
db.products.find()
{ "_id" : ObjectId("6f83f9399e06e06a19271bb"), "nombre" : "gorra bulbassar", "descripcion" : "bermuda", "codigo" : 23459, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-q.jpg", "precio" : 120, "stock" : 100, "timestamp" : "23/11/2022, 18:23:28" },
{ "_id" : ObjectId("6f83f9399e06e06a19271bb"), "nombre" : "pantalón bulbassar", "descripcion" : "bermuda", "codigo" : 23460, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-q.jpg", "precio" : 580, "stock" : 100, "timestamp" : "23/11/2022, 18:23:28" },
{ "_id" : ObjectId("6f83f9399e06e06a19271bb"), "nombre" : "remera bulbassar", "descripcion" : "bermuda", "codigo" : 23461, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-q.jpg", "precio" : 900, "stock" : 100, "timestamp" : "23/11/2022, 18:23:28" },
{ "_id" : ObjectId("6f83f9399e06e06a19271b9"), "nombre" : "boxer bulbassar", "descripcion" : "bermuda", "codigo" : 23462, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-q.jpg", "precio" : 1280, "stock" : 100, "timestamp" : "23/11/2022, 18:23:28" },
{ "_id" : ObjectId("6f83f9399e06e06a19271bb"), "nombre" : "zapapillas bulbassar", "descripcion" : "bermuda", "codigo" : 23463, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-q.jpg", "precio" : 1700, "stock" : 100, "timestamp" : "23/11/2022, 18:23:28" },
{ "_id" : ObjectId("6f83f9399e06e06a19271bb"), "nombre" : "zapapillas bulbassar", "descripcion" : "bermuda", "codigo" : 23465, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-q.jpg", "precio" : 2300, "stock" : 100, "timestamp" : "23/11/2022, 18:23:28" },
{ "_id" : ObjectId("6f83f9399e06e06a19271bb"), "nombre" : "gorra pikachu", "descripcion" : "bermuda", "codigo" : 23450, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-q.jpg", "precio" : 2860, "stock" : 100, "timestamp" : "23/11/2022, 18:23:28" },
{ "_id" : ObjectId("6f83f9399e06e06a19271bd"), "nombre" : "medias pikachu", "descripcion" : "bermuda", "codigo" : 23451, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-q.jpg", "precio" : 3360, "stock" : 100, "timestamp" : "23/11/2022, 18:23:28" },
{ "_id" : ObjectId("6f83f9399e06e06a19271bb"), "nombre" : "remera pikachu", "descripcion" : "bermuda", "codigo" : 23452, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-q.jpg", "precio" : 4320, "stock" : 100, "timestamp" : "23/11/2022, 18:23:28" },
{ "_id" : ObjectId("6f83f9399e06e06a19271bf"), "nombre" : "pantalón pikachu", "descripcion" : "bermuda", "codigo" : 23453, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-q.jpg", "precio" : 4990, "stock" : 100, "timestamp" : "23/11/2022, 18:23:28" },
{ "_id" : ObjectId("6f83ad2968e06e06a19271c0"), "nombre" : "vestido bulbassar", "descripcion" : "bermuda", "codigo" : 23459, "url" : "https://d3ugyfzht6aenh.cloudfront.net/stores/886/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-q.jpg", "precio" : 1209, "stock" : 100, "timestamp" : "23/11/2022, 18:23:28" }
```

Cambio el stock a 0 de los productos con precio mayor a 4000

```
db.products.updateMany({'precio':{'$gt':4000}},{'$set':{'stock':0}})
"acknowledged": true, "matchedCount": 2, "modifiedCount": 2 }
db.products.find()
{
  "id": "ObjectID('63f839f3996e0606a19217b6)", "nombre": "gorra bullbasur", "descripcion": "bermuda", "codigo": 23459, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 120, "stock": 100, "timestamp": "23/11/2022, 18:23:28"}
{
  "id": "ObjectID('63f839f3996e0606a19217b7)", "nombre": "pantalón bullbasur", "descripcion": "bermuda", "codigo": 23460, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 580, "stock": 100, "timestamp": "23/11/2022, 18:23:28"}
{
  "id": "ObjectID('63f839f3996e0606a19217b8)", "nombre": "remera bullbasur", "descripcion": "bermuda", "codigo": 23461, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 900, "stock": 100, "timestamp": "23/11/2022, 18:23:28"}
{
  "id": "ObjectID('63f839f3996e0606a19217b9)", "nombre": "boxer bullbasur", "descripcion": "bermuda", "codigo": 23462, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 1280, "stock": 100, "timestamp": "23/11/2022, 18:23:28"}
{
  "id": "ObjectID('63f839f3996e0606a19217ba)", "nombre": "zapatas bullbasur", "descripcion": "bermuda", "codigo": 23464, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 1700, "stock": 100, "timestamp": "23/11/2022, 18:23:28"}
{
  "id": "ObjectID('63f839f3996e0606a19217bb)", "nombre": "zapapillas bullbasur", "descripcion": "bermuda", "codigo": 23465, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 2300, "stock": 100, "timestamp": "23/11/2022, 18:23:28"}
{
  "id": "ObjectID('63f839f3996e0606a19217bc)", "nombre": "gorra pikachu", "descripcion": "bermuda", "codigo": 23450, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 2860, "stock": 100, "timestamp": "23/11/2022, 18:23:28"}
{
  "id": "ObjectID('63f839f3996e0606a19217bd)", "nombre": "zapatas pikachu", "descripcion": "bermuda", "codigo": 23451, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 3350, "stock": 100, "timestamp": "23/11/2022, 18:23:28"}
{
  "id": "ObjectID('63f839f3996e0606a19217be)", "nombre": "gorra pikachu", "descripcion": "bermuda", "codigo": 23452, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 4320, "stock": 100, "timestamp": "23/11/2022, 18:23:28"}
{
  "id": "ObjectID('63f839f3996e0606a19217bf)", "nombre": "pantalón pikachu", "descripcion": "bermuda", "codigo": 23453, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 4990, "stock": 0, "timestamp": "23/11/2022, 18:23:28"}
{
  "id": "ObjectID('63f83ad2968e0606a19217c0)", "nombre": "vestido bullbasur", "descripcion": "bermuda", "codigo": 23459, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea63aff16138279852370-640-0.jpg", "precio": 1209, "stock": 100, "timestamp": "23/11/2022, 18:23:28"}
}
```

Borro los productos con precio menor a 1000

```

db.products.deleteMany({'precio':{ '$lt':1800}})
db.products.insertMany([
  { "acknowledged": true, "deletedCount": 3 }
])
db.products.find()

{
  "_id": "ObjectID('638f3939968e066ea19271b9')", "nombre": "boxer bullbasur", "descripcion": "bermuda", "codigo": 23462, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-o.jpg", "precio": 1280, "stock": 100, "timestamp": "23/11/2022, 18:23:28" },
  { "_id": "ObjectID('638f3939968e066ea19271ba')", "nombre": "medias bullbasur", "descripcion": "bermuda", "codigo": 23464, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-o.jpg", "precio": 1700, "stock": 100, "timestamp": "23/11/2022, 18:23:28" },
  { "_id": "ObjectID('638f3939968e066ea19271bb')", "nombre": "zapatas bullbasur", "descripcion": "bermuda", "codigo": 23465, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-o.jpg", "precio": 2300, "stock": 100, "timestamp": "23/11/2022, 18:23:28" },
  { "_id": "ObjectID('638f3939968e066ea19271bc')", "nombre": "gorra pikachu", "descripcion": "bermuda", "codigo": 23450, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-o.jpg", "precio": 2860, "stock": 100, "timestamp": "23/11/2022, 18:23:28" },
  { "_id": "ObjectID('638f3939968e066ea19271bd')", "nombre": "medias pikachu", "descripcion": "bermuda", "codigo": 23451, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-o.jpg", "precio": 3350, "stock": 100, "timestamp": "23/11/2022, 18:23:28" },
  { "_id": "ObjectID('638f3939968e066ea19271be')", "nombre": "remera pikachu", "descripcion": "bermuda", "codigo": 23452, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-o.jpg", "precio": 4320, "stock": 0, "timestamp": "23/11/2022, 18:23:28" },
  { "_id": "ObjectID('638f3939968e066ea19271bf')", "nombre": "pantalón pikachu", "descripcion": "bermuda", "codigo": 23453, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-o.jpg", "precio": 4990, "stock": 0, "timestamp": "23/11/2022, 18:23:28" },
  { "_id": "ObjectID('638f3ad29608e066ea19271c0')", "nombre": "boxer bullbasur", "descripcion": "bermuda", "codigo": 23459, "url": "https://d3ugyfzht6aenh.cloudfront.net/stores/806/999/products/de2a26021-09df2b5d355ea3aff16138279852370-640-o.jpg", "precio": 1209, "stock": 100, "timestamp": "23/11/2022, 18:23:28" }
]
)

```