```
Símbolo del sistema - mongo
  :\Program Files\MongoDB\Server\5.0\bin>mongo
 ongoDB shell version v5.0.8
onnecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
 mplicit session: session { "id" : UUID("00ac7473-eale-4171-8349-1cc64eaebcab") }
longoDB server version: 5.0.8
 Harning: the "mongo" shell has been superseded by "mongosh",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
 ttps://docs.mongodb.com/mongodb-shell/install/
 The server generated these startup warnings when booting:
 2022-05-08713:11:30-113-03:00: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
2022-05-08713:11:30-114-03:00: This server is bound to localhost. Remote systems will be unable to connect to this server. Start the server with --bind_ip <address> to specify which IP addresses it should serve responses from, or with --bind_ip_all to bind to all interfaces. If this behavior is desired, start the server with --bind_ip_127.0.0.1 to disable this warning
             Enable MongoDB's free cloud-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 MongoOB website with a unique URL accessible to you and anyone you share the URL with. MongoOB may use this information to make product improvements and to suggest MongoOB 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
 witched to db ecommerce
"acknowledged" : true,
                          ObjectId("6277ec67c185e1690826c7b3"),
                          ObjectId("6277ec67c185e1690826c7b4"),
                          ObjectId("6277ec67c185e1690826c7b5"),
                          ObjectId("6277ec67c185e1690826c7b6"),
                          ObjectId("6277ec67c185e1690826c7b7"),
                          ObjectId("6277ec67c185e1690826c7b8"),
                          ObjectId("6277ec67c185e1690826c7b9"),
                          ObjectId("6277ec67c185e1690826c7ba"),
                          ObjectId("6277ec67c185e1690826c7bb"),
                          ObjectId("6277ec67c185e1690826c7bc")
 db.mensajes.insertMany([['user':'jpribero@gmail.com', 'time':'07/05/2022 4:31:42 PM', 'message':'Hola!'),('user':'fjponcio@gmail.com', 'time':'07/05/2022 4:32:13 PM', 'message':'Bien Wos todo bien?'),('user':'fjponcio@gmail.com', 'time':'07/05/2022 4:32:17 PM', 'message':'Todo bien?'),('user':'fjponcio@gmail.com', 'time':'07/05/2022 4:32:17 PM', 'message':'Todo bien por sucrete'),('user':'fjponcio@gmail.com', 'time':'07/05/2022 4:32:17 PM', 'message':'Todo bien por sucrete'),('user':'fjponcio@gmail.com', 'time':'07/05/2022 4:32:17 PM', 'message':'Todo bien por sucrete'),('user':'fjponcio@gmail.com', 'time':'07/05/2022 4:32:32 PM', 'message':'Todo bien por sucrete'),('user':'fjpon
   'user':'jpribero@gmail.com','time':'07/05/2022 4:32:36 PM','message':'Gracias!'},{'user':'jpribero@gmail.com','time':'07/05/2022 4:32:40 PM','message':'Mas tarde hablamos!'}])
             "acknowledged" : true,
             ObjectId("6277ec89c185e1690826c7be"),
                          ObjectId("6277ec89c185e1690826c7bf"),
                          ObjectId("6277ec89c185e1690826c7c0"),
                          ObjectId("6277ec89c185e1690826c7c1"),
                          ObjectId("6277ec89c185e1690826c7c2"),
                          ObjectId("6277ec89c185e1690826c7c3"),
                          ObjectId("6277ec89c185e1690826c7c4"),
                          ObjectId("6277ec89c185e1690826c7c5")
                          ObjectId("6277ec89c185e1690826c7c6")
```

```
Símbolo del sistema - mongo
 db.productos.find().pretty()
         "_id" : ObjectId("6277ec67c185e1690826c7b3"),
"title" : "Cinta Métrica",
"price" : 885,
          "thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Cinta%20agrimensor%2030%20metros%20(1).jpg",
         "id" : 1
        "_id" : ObjectId("6277ec67c185e1690826c7b4"),
"title" : "Linterna",
"price" : 3150,
          "thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Linterna%20alto%20poder%20SV-5001%20(4).jpg",
         "_id" : ObjectId("6277ec67c185e1690826c7b5"),
         "title" : "Candado",
         "rpice": Canadas ,
"price": 270,
"thumbnail": "https://www.portalmayorista.com/images/stories/virtuemart/product/Candado%20TROIS%20CIRCLE%2032mm.jpg",
"thumbnail": "https://www.portalmayorista.com/images/stories/virtuemart/product/Candado%20TROIS%20CIRCLE%2032mm.jpg",
         "_id" : ObjectId("6277ec67c185e1690826c7b6"),
        "_ia" : Ubjectio("62//eco/close1690626c/06"),
"title" : "Destornillador",
"price" : 225,
"thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Destornillador%206en1%205EIS%20blister%20(3).jpg",
         "id" : 4
         "_id" : ObjectId("6277ec67c185e1690826c7b7"),
         "_ia" : Ubjectio(~62//eco/clase1090820c/b/"),
"title" : "Pico de Loro",
"price" : 1099,
"thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Pico%20loro%20naranja%20y%20negra%20en%20bolsa%20chica%20(1).jpg",
         "_id" : ObjectId("6277ec67c185e1690826c7b8"),
         "title" : "Tenaza",
"price" : 1500,
          "thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Tenaza%20armador%2012%20pulgadas%20(1).jpg",
        "_id" : ObjectId("6277ec67c185e1690826c7b9"),
"title" : "Martillo Carpintero",
"price" : 825,
"thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Martillo%20carpintero%20grande%20(1).jpg",
"id" : 7
         "_id" : ObjectId("6277ec67c185e1690826c7ba"),
        "_id" : ObjectId("6277ec67c185e1690826c7bb"),
"title" : "Juego Llaves Tubos",
"price" : 4499,
"thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Juego%20de%2024%201laves%20tubo%20en%20valija%20(2).jpg",
         "id" : 9
         "_id" : ObjectId("6277ec67c185e1690826c7bc"),
         "title" : "Nivel Laser",
"price" : 3250,
          "thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Nivel%20laser%20en%20caja%20(3).jpg",
         "id" : 10
```

```
db.mensajes.find().pretty()
            "_id" : ObjectId("6277ec89c185e1690826c7bd"),
           _iuser": "jpribero@gmail.com",
"time": "07/05/2022 4:31:42 PM",
"message": "Hola!"
           "_id" : ObjectId("6277ec89c185e1690826c7be"),
"user" : "fjponcio@gmail.com",
"time" : "07/05/2022 4:32:10 PM",
            "message" : "Hola! Como estás?"
           "_id" : ObjectId("6277ec89c185e1690826c7bf"),
            "user" : "jpribero@gmail.com",
"time" : "07/05/2022 4:32:13 PM",
            "message" : "Bien. Vos todo bien?"
           "_id" : ObjectId("6277ec89c185e1690826c7c0"),
"user" : "fjoncio@gmail.com",
"time" : "07/05/2022 4:32:17 PM",
"message" : "Todo bien por suerte"
           "_id" : ObjectId("6277ec89c185e1690826c7c1"),
"user" : "fjponcio@gmail.com",
'time" : "07/05/2022 4:32:22 PM",
"message" : "Que estás haciendo?"
           "_id" : ObjectId("6277ec89c185e1690826c7c2"),
"user" : "jpribero@gmail.com",
"time" : "07/05/2022 4:32:25 PM",
            "message" : "Estoy haciendo el desafio entregable 9"
            "_id" : ObjectId("6277ec89c185e1690826c7c3"),
            "user" : "jpribero@gmail.com",
"time" : "07/05/2022 4:32:29 PM",
             "message" : "Creando una base de datos, usando Mongo Shell"
           "_id" : ObjectId("6277ec89c185e1690826c7c4"),
"user" : "fjoncio@gmail.com",
"time" : 07/05/2022 4:32:32 PM",
"message" : "Buenisimo, mucha suerte entonces"
            "_id" : ObjectId("6277ec89c185e1690826c7c5"),
            "user" : "jpribero@gmail.com",
"time" : "07/05/2022 4:32:36 PM",
            "message" : "Gracias!"
            "_id" : ObjectId("6277ec89c185e1690826c7c6"),
           "user": "jpribero@gmail.com",
"time": "07/05/2022 4:32:40 PM",
"message": "Mas tarde hablamos!"
Símbolo del sistema - mongo
                                                                                                                                                                                                                                                                                                                                                                                                                                             db.productos.find().count()
> db.mensajes.find().count()
```

db.productos.insertOne({'title':'Linga Cadena Acerada','price':2100,'thumbnail':'https://www.portalmayorista.com/images/stories/virtuemart/product/Linga%20cadena%20pesada%20con%20candado%20(1).jpg','id':11})

Símbolo del sistema - mongo

"acknowledged" : true,
"insertedId" : ObjectId("6277edf3c185e1690826c7c8")

```
Símbolo del sistema - mongo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                db.productos.find({price: {$lt:1000}}).pretty()
                     "_id" : ObjectId("6277ec67c185e1690826c7b3"),
                    "title" : "Cinta Métrica",
                   rprice": 885,
"price": 885,
"thumbnail": "https://www.portalmayorista.com/images/stories/virtuemart/product/Cinta%20agrimensor%2030%20metros%20(1).jpg",
                   "_id" : ObjectId("6277ec67c185e1690826c7b5"),
"title" : "Candado",
"price" : 270,
                      .
"thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Candado%20TROIS%20CIRCLE%2032mm.jpg",
                    "id" : 3
                  "_id" : ObjectId("6277ec67c185e1690826c7b6"),
"title" : "Destornillador",
"price" : 225,
                     "thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Destornillador%206en1%20SEIS%20blister%20(3).jpg",
                    "_id" : ObjectId("6277ec67c185e1690826c7b9"),
                   _iu . Objected Ozirce (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (1855) (
                    "id" : 7
Símbolo del sistema - mongo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               db.productos.find({price: {$gt:1000, $1t:3000}}).pretty()
                    "_id" : ObjectId("6277ec67c185e1690826c7b7"),
                   "title" : "Pico de Loro",
"price" : 1099,
                      .
"thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Pico%20loro%20naranja%20y%20negra%20en%20bolsa%20chica%20(1).jpg",
                     "id" : 5
                   "_id" : ObjectId("6277ec67c185e1690826c7b8"),
"title" : "Tenaza",
"price" : 1500,
                      "thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Tenaza%20armador%2012%20pulgadas%20(1).jpg",
                    "_id" : ObjectId("6277ec67c185e1690826c7ba"),
                  _ia . Objected 0s. Net of the control of the contro
                    "_id" : ObjectId("6277edf3c185e1690826c7c8"),
                   "title" : "Linga Cadena Acerada",
"price" : 2100,
                     "thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Linga%20cadena%20pesada%20con%20candado%20(1).jpg",
                    "id" : 11
👊 Símbolo del sistema - mongo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               db.productos.find({price: {$gt:3000}}).pretty()
                  "_id" : ObjectId("6277ec67c185e1690826c7b4"),
"title" : "Linterna",
"price" : 3150,
                      "thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Linterna%20alto%20poder%20SV-5001%20(4).jpg",
                    "id" : 2
                    "_id" : ObjectId("6277ec67c185e1690826c7bb"),
                   "title" : "Juego Llaves Tubos",
"price" : 4499,
                     "thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Juego%20de%2024%201laves%20tubo%20en%20valija%20(2).jpg",
                    "_id" : ObjectId("6277ec67c185e1690826c7bc"),
                   "title" : "Nivel Laser",
"price" : 3250,
                     thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Nivel%20laser%20en%20caja%20(3).jpg",
```

```
Símbolo del sistema - mongo
                                                                                                                                                                                                                                                                                                                       ◻
 db.productos.find().sort({price: 1}).skip(2).limit(1).pretty()
         "_id" : ObjectId("6277ec67c185e1690826c7b9"),
        _iu . Objectad Oz/reco/ibs/coorde/tos/),
"title" : "Martillo Carpintero",
"price" : 825,
"thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Martillo%20carpintero%20grande%20(1).jpg",
         "id" : 7
Símbolo del sistema - mongo
db.productos.updateMany({}, {$set: {stock: 100}})
"acknowledged" : true, "matchedCount" : 11, "modifiedCount" : 11 }
                                                                                                                                                                                                                                                                                                                       👊 Símbolo del sistema - mongo
> db.productos.update({price: {$gt: 4000}}, {$set: {stock: 0}})
writeResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
Símbolo del sistema - mongo
                                                                                                                                                                                                                                                                                                                      db.productos.deleteMany({price: {$1t: 1000}})
  "acknowledged" : true, "deletedCount" : 4 }
👞 Símbolo del sistema - mongo
                                                                                                                                                                                                                                                                                                                       db.productos.find().pretty()
        "_id" : ObjectId("6277ec67c185e1690826c7b4"),
"title" : "Linterna",
"price" : 3150,
"thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Linterna%20alto%20poder%20SV-5001%20(4).jpg",
         "stock" : 100
         "_id" : ObjectId("6277ec67c185e1690826c7b7"),
        "title" : "Pico de Loro",
"price" : 1099,
          "thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Pico%20loro%20naranja%20y%20negra%20en%20bolsa%20chica%20(1).jpg",
        "id" : 5,
"stock" : 100
        "_id" : ObjectId("6277ec67c185e1690826c7b8"),
        "title" : "Tenaza",
"price" : 1500,
         "thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Tenaza%20armador%2012%20pulgadas%20(1).jpg",
         "id" : 6,
         "stock" : 100
        "_id" : ObjectId("6277ec67c185e1690826c7ba"),
"title" : "Inflador",
"price" : 2025,
"thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Inflador%20con%20medidor%20de%20presion%20(2).jpg",
         "_id" : ObjectId("6277ec67c185e1690826c7bb"),
       "id" : 9,
"stock" : 0
        "_id" : ObjectId("6277ec67c185e1690826c7bc"),
"title" : "Nivel Laser",
"price" : 3250,
         "thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Nivel%20laser%20en%20caja%20(3).jpg",
        "id" : 10,
         "stock" : 100
         "_id" : ObjectId("6277edf3c185e1690826c7c8"),
        "_id : Objection 02/76075105263908206/60 ),
"title" : "Linga Cadena Acerada",
"price" : 2100,
"thumbnail" : "https://www.portalmayorista.com/images/stories/virtuemart/product/Linga%20cadena%20pesada%20con%20candado%20(1).jpg",
         "stock" : 100
```

```
Símbolo del sistema - mongo
                                                                                                                                                                                                                                                                                                                        switched to db admin
"roles" : [
                            "role" : "read",
"db" : "ecommerce"
                                                                                                                                                                                                                                                                                                                         Símbolo del sistema - mongo
C:\Program Files\MongoDB\Server\5.0\bin>mongo
 MongoDB shell version v5.0.8
rongoub sielt version vo.4.3 compressors=disabled&gssapiServiceName=mongodb Implicit session: session { "id" : UUID("510e8704-5645-492f-9b50-d98afd5230f3") } MongoDB server version: 5.0.8
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/
 > use ecommerce
switched to db ecommerce
antenned to do ecommerce

> db.productos.insertone({'title':'Taladro','price':4100,'thumbnail':'https://www.portalmayorista.com/images/stories/virtuemart/product/Linga%20cadena%20pesada%20con%20candado%20(1).jpg','id':12})
uncaught exception: WriteCommandError({
         "ok" : 0,
         "errmsg": "command insert requires authentication",
"code": 13,
"codeName": "Unauthorized"
}) :
WriteCommandError({
         "ok": 0, "command insert requires authentication", "code": 13,
          "codeName" : "Unauthorized"
WriteCommandError@src/mongo/shell/bulk_api.js:421:48
executeBatch@src/mongo/shell/bulk_api.js:936:23
Bulk/this.execute@src/mongo/shell/bulk_api.js:1182:21
DBCollection.prototype.insertOne@src/mongo/shell/crud_api.js:264:9
```



