```
david@LAPTOP-UQ114ETA:/mnt/c/Users/David/Desktop/DAVID/00.-FP/04.-B_DATOS$ cd MongoDB/
david@LAPTOP-UQ114ETA:/mnt/c/Users/David/Desktop/DAVID/00.-FP/04.-B_DATOS/MongoDB$ ls
docker-compose.yml
```

File   Edit   Selection   View   Go   Run   Terminal   Help

🐳 docker-compose.yml ✕

C: > Users > David > Desktop > DAVID > 00.-FP > 04.-B_DATOS > MongoDB > 🐳

```
 1   version: '3.7'
 2   services:
 3     mongodb_container:
 4       image: mongo:latest
 5       environment:
 6         MONGO_INITDB_ROOT_USERNAME: root
 7         MONGO_INITDB_ROOT_PASSWORD: rootpassword
 8       ports:
 9         - 27017:27017
10       volumes:
11         - mongodb_data_container:/data/db
12
13   volumes:
14     mongodb_data_container:
```

Creamos el archivo do docker-compose.yml

```
david@LAPTOP-UQ114ETA:/mnt/c/Users/David/Desktop/DAVID/00.-FP/04.-B_DATOS/MongoDB$ docker-compose up
[+] Running 10/10
 ✓ mongodb_container 9 layers [##########]     0B/0B       Pulled                                    14.5s
   ✓ 1bc677758ad7 Pull complete                                                                        2.6s
   ✓ 7eb83bb7be98 Pull complete                                                                        2.7s
   ✓ e95121721c4c Pull complete                                                                        2.9s
   ✓ 799041b403ca Pull complete                                                                        3.0s
   ✓ 1828e70ef29a Pull complete                                                                        3.1s
   ✓ 8e3781beae9e Pull complete                                                                        3.2s
   ✓ 5d5753162333 Pull complete                                                                        3.2s
   ✓ 44dd404b40f4 Pull complete                                                                       12.0s
   ✓ 44599c9d5d1b Pull complete                                                                       12.1s
[+] Running 3/3
 ✓ Network mongodb_default                    Created                                                0.7s
 ✓ Volume "mongodb_mongodb_data_container"    Created                                                0.0s
 ✓ Container mongodb-mongodb_container-1       Created                                                2.7s
```

Ejecutamos el comando para crear el contenedor de docker de MongoDB.

Comprobamos que se está ejecutando.

```
david@LAPTOP-UQ114ETA:/mnt/c/Users/David/Desktop/DAVID/00.-FP/04.-B_DATOS/MongoDB$ docker ps
CONTAINER ID   IMAGE          COMMAND                 CREATED         STATUS         PORTS                      NAMES
3270727ac35c   mongo:latest   "docker-entrypoint.s…"  3 minutes ago   Up 9 seconds   0.0.0.0:27017->27017/tcp   mongodb
-mongodb_container-1
david@LAPTOP-UQ114ETA:/mnt/c/Users/David/Desktop/DAVID/00.-FP/04.-B_DATOS/MongoDB$
```

```
david@LAPTOP-UQ114ETA:/mnt/c/Users/David/Desktop/DAVID/00.-FP/04.-B_DATOS/MongoDB$ docker volume ls
DRIVER    VOLUME NAME
local     33ae1ad74ca23428734d1602b9c1b4e429a2fa2652b6b1b2fa41a528d2ebb65d
local     39f21908f399f71288b522180f99dca520d02e7ae4f5e19df81af544e3ed41d1
local     43c9a6054b6b59b1145cef84259b175ead7c1882ab81cf3d3ae73ab7bf585019
local     63d55e08278136d6f88dc0178e9bac9da9594c2d7195f5fc026c2d9b4450f37f
local     92e89a2898ecdfa167fe8d97e43730b81e0c46484f2db17b2717e3e4aeec6e2e
local     96c5bba9f6bb8e45d99f97a3d54f89c5e8f664e8a93c56df041c0e06b2fcdeb8
local     99a1d1003fa182eae789ee48a2014e7bcaeb83ced6e99e234bf52c3256fb7973
local     1794e1a61ce099bde8d5d72319c100487624afda876e0cac6e1376e45f3e847d
local     4173ab58a1d633b61a401aa5acde4bcdf66a8e06fdcfc4224ef0ed5666ab5ddc
local     44755502d6e3b3e2d9123afe79a502b2b660a7c0ac69899e286ce250707b14b8
local     b6caad65971a33bad22cad5fbf4815551e5eac875169735be21c02f12e775b69
local     b67d48b9b517c622fb12cdece54b011545db53e599dfe386e92e52bf0aa04c15
local     b231ed5d7673663fa119d7370a6f2bb2446fe5f5b7cf8da1eb16a6d1dae1b3eb
local     cabf3b2d23f9aa6f823e3a5e7ac7e23728f348c4165134797d739a8dcbdf730e
local     e4c9807d5e0e712e6ae440bdd2eff014b6c32e8516a9835130dece2817e3a879
local     e0851dae70c7decdb0ceb0f295ef9c891530a9e7b911b524762159e896af7518
local     e9226e530a965ea8f5a52af869176f4f3be6087b29ce402e6318e7dd32705f3d
local     mongodb_mongodb_data_container
david@LAPTOP-UQ114ETA:/mnt/c/Users/David/Desktop/DAVID/00.-FP/04.-B_DATOS/MongoDB$
```

☐	∨	🗇 mongodb		Running (1/1)		5 minutes ago	■	⋮		🗑
☐		mongodb_container-⌐ 3270727ac35c 🗇	mongo:latest	Running	27017:27017 ⧉	5 minutes ago	■	⋮		🗑

Probamos a conectarnos a la base de datos

```
# mongosh admin -u root -p rootpassword
Current Mongosh Log ID: 6457ddd26860b33280845b3c
Connecting to:           mongodb://<credentials>@127.0.0.1:27017/admin?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+1.
8.2
Using MongoDB:           6.0.5
Using Mongosh:           1.8.2

For mongosh info see: https://docs.mongodb.com/mongodb-shell/


To help improve our products, anonymous usage data is collected and sent to MongoDB periodically (https://www.mongodb.com/legal/privacy-poli
cy).
You can opt-out by running the disableTelemetry() command.
```

```
admin> show dbs
admin    100.00 KiB
config    60.00 KiB
local     72.00 KiB
admin> use mydatabase
switched to db mydatabase
mydatabase>
```

Con el comando 'exit' salimos de mydatabase

```
admin> show collections
system.users
system.version
admin> █
```

```
admin> db.system.users.find()
[
  {
    _id: 'admin.root',
    userId: new UUID("8b821f34-5799-438c-878e-a7398d353687"),
    user: 'root',
    db: 'admin',
    credentials: {
      'SCRAM-SHA-1': {
        iterationCount: 10000,
        salt: 'eRLV6NG6D8mne8RCw0dxpQ==',
        storedKey: '6XCG7O9z4olHx6wCknhm0uysP/k=',
        serverKey: 'ncMGpyE747zeSnr5/Iz6YQwodao='
      },
      'SCRAM-SHA-256': {
        iterationCount: 15000,
        salt: 'NvLl3Z18Mth4z7Hx87OjSN/Ac9RVlWFHzqrQUw==',
        storedKey: '0ERoycCzWQ6Xno39CjWKY5bBTm2oPH0gbGWyBiX24sk=',
        serverKey: 'pWqmCXjkkgeQ3SEl2ESvRULfG1ct5fZs/5QlVdyR/i8='
      }
    },
    roles: [ { role: 'root', db: 'admin' } ]
  }
]
admin>
```

```
admin> db.system.users.save({"name":"Sony AK"})
```

```
mydatabase> db.version()
6.0.5
```

```
david@LAPTOP-UQ114ETA:~$ docker-compose stop
```