```
PS C:\Users\User> & 'D:\MongoDB\bin\mongod.exe' --dbpath 'C:\data\db'
2025-11-12T08:19:43.970+0100 [initandlisten] MongoDB starting : pid=17368
port=27017 dbpath=C:\data\db 64-bit host=DESKTOP-0RKVFFH
2025-11-12T08:19:43.973+0100 [initandlisten] targetMinOS: Windows 7/Windows
Server 2008 R2
2025-11-12T08:19:43.977+0100 [initandlisten] db version v2.6.4
2025-11-12T08:19:43.977+0100 [initandlisten] git version:
3a830be0eb92d772aa855ebb711ac91d658ee910
2025-11-12T08:19:43.978+0100 [initandlisten] build info: windows
sys.getwindowsversion(major=6, minor=1, build=7601, platform=2, service_pack='Service
Pack 1') BOOST_LIB_VERSION=1_49
2025-11-12T08:19:43.984+0100 [initandlisten] allocator: system
2025-11-12T08:19:43.984+0100 [initandlisten] options: { storage: { dbPath:
"C:\data\db" } }
2025-11-12T08:19:43.993+0100 [initandlisten] journal dir=C:\data\db\journal
2025-11-12T08:19:43.995+0100 [initandlisten] recover : no journal files present, no
recovery needed
2025-11-12T08:19:44.172+0100 [initandlisten] waiting for connections on port 27017
2025-11-12T08:20:44.278+0100 [clientcursormon] mem (MB) res:54 virt:4566
2025-11-12T08:20:44.282+0100 [clientcursormon]  mapped (incl journal view):320
2025-11-12T08:20:44.287+0100 [clientcursormon]  connections:0
2025-11-12T08:25:45.155+0100 [clientcursormon] mem (MB) res:54 virt:4565
2025-11-12T08:25:45.156+0100 [clientcursormon]  mapped (incl journal view):320
2025-11-12T08:25:45.159+0100 [clientcursormon]  connections:0
2025-11-12T08:30:45.802+0100 [clientcursormon] mem (MB) res:54 virt:4565
2025-11-12T08:30:45.802+0100 [clientcursormon]  mapped (incl journal view):320
2025-11-12T08:30:45.803+0100 [clientcursormon]  connections:0
2025-11-12T08:35:47.107+0100 [clientcursormon] mem (MB) res:17 virt:4564
2025-11-12T08:35:47.108+0100 [clientcursormon]  mapped (incl journal view):320
2025-11-12T08:35:47.109+0100 [clientcursormon]  connections:0
2025-11-12T08:40:48.081+0100 [clientcursormon] mem (MB) res:6 virt:4564
2025-11-12T08:40:48.082+0100 [clientcursormon]  mapped (incl journal view):320
2025-11-12T08:40:48.082+0100 [clientcursormon]  connections:0
2025-11-12T08:45:48.906+0100 [clientcursormon] mem (MB) res:6 virt:4564
2025-11-12T08:45:48.906+0100 [clientcursormon]  mapped (incl journal view):320
2025-11-12T08:45:48.907+0100 [clientcursormon]  connections:0
```

```powershell
PS C:\Users\User> $js2 = "$env:TEMP\crud_demo.js"
PS C:\Users\User> $code2 = @'
>> use("info");
>>
>> var cnt = db.produits.countDocuments ? db.produits.countDocuments() :
db.produits.count();
>> if (!cnt || cnt < 3) {
>>   db.produits.drop();
>>   db.produits.insertMany([
>>     { nom: "Macbook Pro",  fabriquant: "Apple",  prix: 11435.99,  options: ["Intel Core
i5","Retina Display","Long life battery"] },
>>     { nom: "Macbook Air",  fabriquant: "Apple",  prix: 125794.73, ultrabook: true,
options: ["Intel Core i7","SSD","Long life battery"] },
>>     { nom: "Thinkpad X230", fabriquant: "Lenovo", prix: 114358.74, ultrabook: true,
options: ["Intel Core i5","SSD","Long life battery"] }
>>   ]);
>> }
>>
PS C:\Users\User> Set-Content -Path $js2 -Value $code2 -Encoding UTF8
PS C:\Users\User>
PS C:\Users\User> $out = "$env:USERPROFILE\Desktop\MongoDB_CRUD_Showcase.txt"
PS C:\Users\User> mongosh "mongodb://127.0.0.1:27017" -f $js2 | Tee-Object -FilePath
$out
=== All products ===
{
  _id: ObjectId('6915061023f3aeb26863b112'),
  nom: 'Macbook Pro',
  fabriquant: 'Apple',
  prix: 11435.99,
  options: [
    'Intel Core i5',
    'Retina Display',
    'Long life battery'
  ]
}
{
```

```
  _id: ObjectId('6915061023f3aeb26863b113'),
  nom: 'Macbook Air',
  fabriquant: 'Apple',
  prix: 125794.73,
  ultrabook: true,
  options: [
    'Intel Core i7',
    'SSD',
    'Long life battery'
  ]
}
{
  _id: ObjectId('6915061023f3aeb26863b114'),
  nom: 'Thinkpad X230',
  fabriquant: 'Lenovo',
  prix: 114358.74,
  ultrabook: true,
  options: [
    'Intel Core i5',
    'SSD',
    'Long life battery'
  ]
}

=== First product ===
{
  _id: ObjectId('6915061023f3aeb26863b112'),
  nom: 'Macbook Pro',
  fabriquant: 'Apple',
  prix: 11435.99,
  options: [
    'Intel Core i5',
    'Retina Display',
    'Long life battery'
  ]
}
```

```
=== Price > 13723 ===
{
  _id: ObjectId('6915061023f3aeb26863b113'),
  nom: 'Macbook Air',
  fabriquant: 'Apple',
  prix: 125794.73,
  ultrabook: true,
  options: [
    'Intel Core i7',
    'SSD',
    'Long life battery'
  ]
}
{
  _id: ObjectId('6915061023f3aeb26863b114'),
  nom: 'Thinkpad X230',
  fabriquant: 'Lenovo',
  prix: 114358.74,
  ultrabook: true,
  options: [
    'Intel Core i5',
    'SSD',
    'Long life battery'
  ]
}

=== First where ultrabook = true ===
{
  _id: ObjectId('6915061023f3aeb26863b113'),
  nom: 'Macbook Air',
  fabriquant: 'Apple',
  prix: 125794.73,
  ultrabook: true,
  options: [
    'Intel Core i7',
```

```
    'SSD',
    'Long life battery'
  ]
}


--- All where fabriquant = "Apple" ---
{
  _id: ObjectId('6915061023f3aeb26863b112'),
  nom: 'Macbook Pro',
  fabriquant: 'Apple',
  prix: 11435.99,
  options: [
    'Intel Core i5',
    'Retina Display',
    'Long life battery'
  ]
}
{
  _id: ObjectId('6915061023f3aeb26863b113'),
  nom: 'Macbook Air',
  fabriquant: 'Apple',
  prix: 125794.73,
  ultrabook: true,
  options: [
    'Intel Core i7',
    'SSD',
    'Long life battery'
  ]
}


--- Name starts with "Macbook" ---
{
  _id: ObjectId('6915061023f3aeb26863b112'),
  nom: 'Macbook Pro',
  fabriquant: 'Apple',
  prix: 11435.99,
```

```
    options: [
      'Intel Core i5',
      'Retina Display',
      'Long life battery'
    ]
  }
  {
    _id: ObjectId('6915061023f3aeb26863b113'),
    nom: 'Macbook Air',
    fabriquant: 'Apple',
    prix: 125794.73,
    ultrabook: true,
    options: [
      'Intel Core i7',
      'SSD',
      'Long life battery'
    ]
  }
```

=== Delete: all Apple ===

```
{
  acknowledged: true,
  deletedCount: 2
}
```

=== After Apple delete ===

```
{
  _id: ObjectId('6915061023f3aeb26863b114'),
  nom: 'Thinkpad X230',
  fabriquant: 'Lenovo',
  prix: 114358.74,
  ultrabook: true,
  options: [
    'Intel Core i5',
    'SSD',
    'Long life battery'
```

```
  ]
}
```

--- Delete: Lenovo X230 by _id ---

```
{
  acknowledged: true,
  deletedCount: 1
}
```

--- Final collection ---

```
[]
```