

# Checkpoint Mongo shell

```
test> use contact
switched to db contact
contact> db.createCollection("contactlist")
{ ok: 1 }
contact> db.contactlist.insertMany([
  {
    "_id": 1,
    "Last name": "Ben Lahmer",
    "First name": "Fares",
    "Email": "fares@gmail.com",
    "age": 26
  },
  {
    "_id": 2,
    "Last name": "Kefi",
    "First name": "Seif",
    "Email": "Kefi@gmail.com",
    "age": 15
  },
  {
    "_id": 3,
    "Last name": "Fatnassi",
    "First name": "Sarrra",
    "Email": "sarrra.f@gmail.com",
    "age": 40
  },
  {
    "_id": 4,
    "Last name": "Ben Yahia",
    "First name": "Rym",
    "age": 4
  },
  {
    "_id": 5,
    "Last name": "Cherif",
    "First name": "Sami",
    "age": 3
  }
])
contact> db.contactlist.find()
{
  acknowledged: true,
  _id: 1, ds: { '0': 1, '1': 2, '2': 3, '3': 4, '4': 5 }
  'Last name': 'Ben Lahmer',
  'First name': 'Fares',
  Email: 'fares@gmail.com',
  age: 26
},
{
  _id: 2,
  'Last name': 'Kefi',
  'First name': 'Seif',
  Email: 'Kefi@gmail.com',
  age: 15
},
{
  _id: 3,
  'Last name': 'Fatnassi',
  'First name': 'Sarrra',
  Email: 'sarrra.f@gmail.com',
  age: 40
},
{
  _id: 4,
  'Last name': 'Ben Yahia',
  'First name': 'Rym',
  age: 4
},
{
  _id: 5,
  'Last name': 'Cherif',
  'First name': 'Sami',
  age: 3
}
```

```
...
{
  _id: 5,
  'Last name': 'Cherif',
  'First name': 'Sami',
  age: 3
}
contact> db.contactlist.find()
{
  acknowledged: true,
  _id: 1, ds: { '0': 1, '1': 2, '2': 3, '3': 4, '4': 5 }
  'Last name': 'Ben Lahmer',
  'First name': 'Fares',
  Email: 'fares@gmail.com',
  age: 26
},
{
  _id: 2,
  'Last name': 'Kefi',
  'First name': 'Seif',
  Email: 'Kefi@gmail.com',
  age: 15
},
{
  _id: 3,
  'Last name': 'Fatnassi',
  'First name': 'Sarrra',
  Email: 'sarrra.f@gmail.com',
  age: 40
},
{
  _id: 4, 'Last name': 'Ben Yahia', 'First name': 'Rym', age: 4 },
{
  _id: 5, 'Last name': 'Cherif', 'First name': 'Sami', age: 3 }
}
contact> db.contactlist.find().pretty
[function: pretty] {
  returnType: 'this',
  serverVersions: [ '0.0.0', '999.999.999' ],
  apiVersions: [ 0, Infinity ],
  topologies: [ 'ReplicSet', 'Sharded', 'LoadBalanced', 'Standalone' ],
  returnsPromise: false,
  deprecated: false,
  platforms: [ 'Command', 'Browser', 'CLI' ],
  isDirectShellCommand: false,
  acceptsRawInput: false,
  shellCommandCompleter: undefined,
  help: [Function (anonymous)] Help
}
contact> db.contactlist.find().pretty()
{
  _id: 1,
  'Last name': 'Ben Lahmer',
  'First name': 'Fares',
  Email: 'fares@gmail.com',
  age: 26
},
{
  _id: 2,
  'Last name': 'Kefi',
  'First name': 'Seif',
  Email: 'Kefi@gmail.com',
  age: 15
},
{
  _id: 3,
  'Last name': 'Fatnassi',
  'First name': 'Sarrra',
  Email: 'sarrra.f@gmail.com',
  age: 40
},
{
  _id: 4, 'Last name': 'Ben Yahia', 'First name': 'Rym', age: 4 },
{
  _id: 5, 'Last name': 'Cherif', 'First name': 'Sami', age: 3 }
}
```

# Checkpoint Mongo shell

```
mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000
contact> db.contactlist.find().pretty()
{
  _id: 1,
  'Last name': 'Ben Lahmer',
  'First name': 'Fares',
  Email: 'fares@gmail.com',
  age: 26
},
{
  _id: 2,
  'Last name': 'Kefi',
  'First name': 'Seif',
  Email: 'kefi@gmail.com',
  age: 15
},
{
  _id: 3,
  'Last name': 'Fatnassi',
  'First name': 'Sarra',
  Email: 'sarra.f@gmail.com',
  age: 40
},
{
  _id: 4, 'Last name': 'Ben Yahia', 'First name': 'Rym', age: 4 },
  _id: 5, 'Last name': 'Cherif', 'First name': 'Sami', age: 3 }
}
contact> db.contactlist.find("age":{$gt :10})
Uncaught:
SyntaxError: Unexpected token, expected ",", (1:25)
> 1 | db.contactlist.find("age":{$gt :10})
    |                               ^
    |
    |
    |
2 |
}
contact> db.contactlist.find({"age":{$gt :10}})
{
  _id: 1,
  'Last name': 'Ben Lahmer',
  'First name': 'Fares',
  Email: 'fares@gmail.com',
  age: 26
},
{
  _id: 3,
  'Last name': 'Fatnassi',
  'First name': 'Sarra',
  Email: 'sarra.f@gmail.com',
  age: 40
},
{
  _id: 4, 'Last name': 'Ben Yahia', 'First name': 'Rym', age: 4 },
  _id: 5, 'Last name': 'Cherif', 'First name': 'Sami', age: 3 }
}
contact>
```

```
mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000
contact> db.contactlist.find("age":{$gt :10})
Uncaught:
SyntaxError: Unexpected token, expected ",", (1:25)
> 1 | db.contactlist.find("age":{$gt :10})
    |                               ^
    |
    |
    |
2 |
}
contact> db.contactlist.find({"age":{$gt :10}})
{
  _id: 1,
  'Last name': 'Ben Lahmer',
  'First name': 'Fares',
  Email: 'fares@gmail.com',
  age: 26
},
{
  _id: 3,
  'Last name': 'Fatnassi',
  'First name': 'Sarra',
  Email: 'sarra.f@gmail.com',
  age: 40
},
{
  _id: 4, 'Last name': 'Ben Yahia', 'First name': 'Rym', age: 4 },
  _id: 5, 'Last name': 'Cherif', 'First name': 'Sami', age: 3 }
}
contact>
```

## Checkpoint Mongo shell

```
mongodb> use mongo
mongo> show dbs
admin 0.07MB
local 0.07MB
test 0.07MB
use test
mongo> db.createCollection('contacts')
{ok: true}
mongo> db.contacts.insertMany([
  {
    'last name': 'Ben Lahmer',
    'first name': 'Fares',
    Email: 'fares@gmail.com',
    age: 26
  },
  {
    _id: 3,
    'last name': 'Fatnassi',
    'first name': 'Sarrah',
    Email: 'sarrah@gmail.com',
    age: 40
  }
])
{acknowledged: true, insertedIds: [ ObjectId('638c9e6d7f83703924000001'), ObjectId('638c9e6d7f83703924000002') ]}
mongo> db.contacts.find({'age': {'$gt': 18}, 'last name': {/.ah./}})
Uncaught:
SyntaxError: Unexpected token (1:60)
> 1 | db.contacts.find( { "age": { $gt: 18 }, "last name": { /.ah./ } })
    |                                                         ^
    |
    |_
2 |
contact>
contact> Envoyer un message à @MassimOuelhazi
Uncaught:
SyntaxError: Missing semicolon. (1:7)
> 1 | Envoyer un message à @MassimOuelhazi
    |     ^
    |
    |_
2 |
contact> db.contacts.find( { "age": { $gt: 18 }, "last name": {/.ah./}} )
Uncaught:
SyntaxError: Unexpected token (1:60)
> 1 | db.contacts.find( { "age": { $gt: 18 }, "last name": { /.ah./ } })
    |                                                         ^
    |
    |_
2 |
contact> db.contacts.find( { "age": { $gt: 18 }, "last name": {$regex: /.ah./} })
[
  {
    id: 1,
    last name: 'Ben Lahmer',
    first name: 'Fares',
    Email: 'fares@gmail.com',
    age: 26
  }
]
contact>
```

```

contact: db.contactlist.updateOne({_id: 1}, {$set: {"first name": "Amit"}})

{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}

contact: db.contactlist.find()

{
  {
    _id: 1,
    'last name': 'Ben Lahmer',
    'first name': 'Amit',
    Email: 'Amit@gmail.com',
    age: 20
  },
  {
    _id: 2,
    'last name': 'Kefi',
    'first name': 'Amit',
    Email: 'Kefi@gmail.com',
    age: 15
  },
  {
    _id: 3,
    'last name': 'Fatmassil',
    'first name': 'Amit',
    Email: 'Amit@gmail.com',
    age: 40
  },
  {
    _id: 4, 'last name': 'Ben Yahia', 'first name': 'Rym', age: 4 },
    _id: 5, 'last name': 'Cherif', 'first name': 'Samir', age: 3 }
}

contact:

```

# Checkpoint Mongo shell

```
Selection mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000
contact> db.contactlist.updateOne({_id:2 }, {$set: {"first name" : "Anis"}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
contact> db.contactlist.find()
{
  "_id": 1,
  "last name": "Ben Lahmer",
  "first name": "Fares",
  "Email": "fares@gmail.com",
  "age": 26
},
{
  "_id": 2,
  "last name": "Kefi",
  "first name": "Anis",
  "Email": "Kefi@gmail.com",
  "age": 15
},
{
  "_id": 3,
  "last name": "Fatnassi",
  "first name": "Sarra",
  "Email": "sarra.f@gmail.com",
  "age": 40
},
{
  "_id": 4, "last name": "Ben Yahia", "first name": "Rym", "age": 4 },
{
  "_id": 5, "last name": "Cherif", "first name": "Sami", "age": 3 }
}
contact> db.contactlist.deleteOne({"age":{$lt : 5}})
{ acknowledged: true, deletedCount: 1 }
contact>
```

```
mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000
{
  "_id": 1,
  "last name": "Ben Lahmer",
  "first name": "Fares",
  "Email": "fares@gmail.com",
  "age": 26
},
{
  "_id": 2,
  "last name": "Kefi",
  "first name": "Anis",
  "Email": "Kefi@gmail.com",
  "age": 15
},
{
  "_id": 3,
  "last name": "Fatnassi",
  "first name": "Sarra",
  "Email": "sarra.f@gmail.com",
  "age": 40
},
{
  "_id": 4, "last name": "Ben Yahia", "first name": "Rym", "age": 4 },
{
  "_id": 5, "last name": "Cherif", "first name": "Sami", "age": 3 }
}
contact> db.contactlist.deleteOne({"age":{$lt : 5}})
{ acknowledged: true, deletedCount: 1 }
contact> db.contactlist.find()
{
  "_id": 1,
  "last name": "Ben Lahmer",
  "first name": "Fares",
  "Email": "fares@gmail.com",
  "age": 26
},
{
  "_id": 2,
  "last name": "Kefi",
  "first name": "Anis",
  "Email": "Kefi@gmail.com",
  "age": 15
},
{
  "_id": 3,
  "last name": "Fatnassi",
  "first name": "Sarra",
  "Email": "sarra.f@gmail.com",
  "age": 40
},
{
  "_id": 4, "last name": "Ben Yahia", "first name": "Rym", "age": 4 },
{
  "_id": 5, "last name": "Cherif", "first name": "Sami", "age": 3 }
}
contact>
```