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❖ Langkah-langkah membuat table

1. Pertama jalankan mongoddb , dengan menjalankan lewat cmd
2. Kemudian ketik “cmd nama file penyimpanan mongoddb”
3. Kemudian buka cmd lagi lakukan hal yang sama
4. Habis itu buat table dengan mengetik”db.namatabel.inser({...:’})
5. Table one to many

➤ Tabel pembeli

C:\WINDOWS\system32\cmd.exe - mongo

```
db.pembeli.insert({id:'3456', tanggal: '25', jumlah_barang:'7', harga_satuan:'7000', total:'49000'})
riteResult({ "nInserted" : 1 })
db.pembeli.insert({id:'8708', tanggal: '22', jumlah_barang:'4', harga_satuan:'9000', total:'36000'})
riteResult({ "nInserted" : 1 })
db.pembeli.insert({id:'1122', tanggal: '20', jumlah_barang:'8', harga_satuan:'9000', total:'72000'})
riteResult({ "nInserted" : 1 })
db.pembeli.insert({id:'2233', tanggal: '18', jumlah_barang:'9', harga_satuan:'9000', total:'81000'})
riteResult({ "nInserted" : 1 })
db.pembeli.find().pretty()

  "_id" : ObjectId("5c76914b8d64dc1dfa5d76d3"),
  "id" : "barang",
  "tanggal" : "27",
  "jumlah_barang" : "2",
  "harga_satuan" : "10000",
  "total" : "20000"

  "_id" : ObjectId("5c7698a88d64dc1dfa5d76d4"),
  "id" : "3456",
  "tanggal" : "25",
  "jumlah_barang" : "7",
  "harga_satuan" : "7000",
  "total" : "49000"

  "_id" : ObjectId("5c7699288d64dc1dfa5d76d5"),
  "id" : "8708",
  "tanggal" : "22",
```

C:\WINDOWS\system32\cmd.exe - mongo

```
  "_id" : ObjectId("5c7699288d64dc1dfa5d76d5"),
  "id" : "8708",
  "tanggal" : "22",
  "jumlah_barang" : "4",
  "harga_satuan" : "9000",
  "total" : "36000"

  "_id" : ObjectId("5c7699c58d64dc1dfa5d76d6"),
  "id" : "1122",
  "tanggal" : "20",
  "jumlah_barang" : "8",
  "harga_satuan" : "9000",
  "total" : "72000"

  "_id" : ObjectId("5c769a1a8d64dc1dfa5d76d7"),
  "id" : "2233",
  "tanggal" : "18",
  "jumlah_barang" : "9",
  "harga_satuan" : "9000",
  "total" : "81000"
```

➤ Barang

C:\WINDOWS\system32\cmd.exe - mongo

```
"_id" : ObjectId("5c7698a88d64dc1dfa5d76d4"),
"id" : "3456",
"tanggal" : "25",
"jumlah_barang" : "7",
"harga_satuan" : "7000",
"total" : "49000"
```

```
"_id" : ObjectId("5c7699288d64dc1dfa5d76d5"),
"id" : "8708",
"tanggal" : "22",
"jumlah_barang" : "4",
"harga_satuan" : "9000",
"total" : "36000"
```

```
"_id" : ObjectId("5c7699c58d64dc1dfa5d76d6"),
"id" : "1122",
"tanggal" : "20",
"jumlah_barang" : "8",
"harga_satuan" : "9000",
"total" : "72000"
```

```
"_id" : ObjectId("5c769a1a8d64dc1dfa5d76d7"),
"id" : "2233",
"tanggal" : "18",
"jumlah_barang" : "9",
"harga_satuan" : "9000",
```

C:\WINDOWS\system32\cmd.exe - mongo

```
"_id" : ObjectId("5c769f368d64dc1dfa5d76d9"),
"id" : "9954",
"nama" : "rotitawar",
"merk" : "sariroti"
```

```
"_id" : ObjectId("5c769f6d8d64dc1dfa5d76da"),
"id" : "9954",
"nama" : "rotisisir",
"merk" : "ramayana"
```

```
"_id" : ObjectId("5c769f8e8d64dc1dfa5d76db"),
"id" : "9954",
"nama" : "rotiselai",
"merk" : "biskuat"
```

```
"_id" : ObjectId("5c769fbc8d64dc1dfa5d76dc"),
"id" : "8708",
"nama" : "rotikering",
"merk" : "biskuat"
```

```
"_id" : ObjectId("5c769fe38d64dc1dfa5d76dd"),
"id" : "1122",
"nama" : "rotikura",
"merk" : "amanda"
```

6. Many to many

❖ Mahasiswa

```
> db.mhs.find().pretty()
{
  "_id" : ObjectId("5c76a4528d64dc1dfa5d76de"),
  "nim" : "1122",
  "nama" : "sumilah",
  "email" : "sumilah@gmail.com",
  "alamat_kost" : "ketintang",
  "telp" : "08123456"
}
{
  "_id" : ObjectId("5c76a4dc8d64dc1dfa5d76df"),
  "nim" : "3322",
  "nama" : "jumilah",
  "email" : "jumilah@gmail.com",
  "alamat_kost" : "ptttimur5",
  "telp" : "08247844"
}
{
  "_id" : ObjectId("5c76a5288d64dc1dfa5d76e0"),
  "nim" : "4433",
  "nama" : "sitilah",
```

```
{
  "_id" : ObjectId("5c76a5288d64dc1dfa5d76e0"),
  "nim" : "4433",
  "nama" : "sitilah",
  "email" : "sitilah@gmail.com",
  "alamat_kost" : "ptttimur4",
  "telp" : "082789650"
}
{
  "_id" : ObjectId("5c76a57b8d64dc1dfa5d76e1"),
  "nim" : "2255",
  "nama" : "jeli",
  "email" : "jeli@gmail.com",
  "alamat_kost" : "ketintangbarat",
  "telp" : "082765412"
}
{
  "_id" : ObjectId("5c76a5ac8d64dc1dfa5d76e2"),
  "nim" : "2245",
  "nama" : "uli",
  "email" : "uli@gmail.com",
  "alamat_kost" : "ketintangbaratindah",
  "telp" : "082765409"
}
}
```

❖ Pilihan matkul

```
db.matakulia.find().pretty()
```

```
  "_id" : ObjectId("5c76aec48d64dc1dfa5d76ed"),  
  "id" : "2020",  
  "matkul" : "bahasainggris",  
  "sks" : "2"
```

```
  "_id" : ObjectId("5c76afa28d64dc1dfa5d76ee"),  
  "id" : "2022",  
  "matkul" : "sim",  
  "sks" : "2"
```

```
  "_id" : ObjectId("5c76afbd8d64dc1dfa5d76ef"),  
  "id" : "2029",  
  "matkul" : "jarkom",  
  "sks" : "3"
```

```
  "_id" : ObjectId("5c76afda8d64dc1dfa5d76f0"),  
  "id" : "2030",  
  "matkul" : "basdat",  
  "sks" : "2"
```

```
  "_id" : ObjectId("5c76afbd8d64dc1dfa5d76ef"),  
  "id" : "2029",  
  "matkul" : "jarkom",  
  "sks" : "3"  
}  
{  
  "_id" : ObjectId("5c76afda8d64dc1dfa5d76f0"),  
  "id" : "2030",  
  "matkul" : "basdat",  
  "sks" : "2"  
}  
{  
  "_id" : ObjectId("5c76b0038d64dc1dfa5d76f1"),  
  "id" : "2035",  
  "matkul" : "matematika",  
  "sks" : "3"  
}  
>
```

❖ Matkul

```

}
{
  "_id" : ObjectId("5c76a7398d64dc1dfa5d76e3"),
  "id" : "bahasainggris",
  "nim" : "2245"
}
{
  "_id" : ObjectId("5c76a75d8d64dc1dfa5d76e4"),
  "id" : "jarkom",
  "nim" : "3322"
}
{
  "_id" : ObjectId("5c76a77a8d64dc1dfa5d76e5"),
  "id" : "basdat",
  "nim" : "4433"
}
{
  "_id" : ObjectId("5c76a7a18d64dc1dfa5d76e6"),
  "id" : "matematika",
  "nim" : "1122"
}
{
  "_id" : ObjectId("5c76a7ec8d64dc1dfa5d76e7"),
  "id" : "sim",

```

C:\WINDOWS\system32\cmd.exe - mongo

```

  "id" : "sim",
  "nim" : "2255"
}
> db.matkul_pilihan.find().pretty()
{
  "_id" : ObjectId("5c76ace08d64dc1dfa5d76e8"),
  "id" : "2020",
  "nim" : "4433"
}
{
  "_id" : ObjectId("5c76ad478d64dc1dfa5d76e9"),
  "id" : "2022",
  "nim" : "2245"
}
{
  "_id" : ObjectId("5c76ad5f8d64dc1dfa5d76ea"),
  "id" : "2029",
  "nim" : "3322"
}
{
  "_id" : ObjectId("5c76ad768d64dc1dfa5d76eb"),
  "id" : "2030",
  "nim" : "1122"
}
{
  "_id" : ObjectId("5c76ad888d64dc1dfa5d76ec"),
  "id" : "2035",
  "nim" : "2255"
}
>

```

❖ Remove

C:\WINDOWS\system32\cmd.exe - mongo

```
> db.pembeli.remove({id: "9954"})
WriteResult({ "nRemoved" : 1 })
> db.pembeli.find().pretty()

  "_id" : ObjectId("5c7698a88d64dc1dfa5d76d4"),
  "id" : "3456",
  "tanggal" : "25",
  "jumlah_barang" : "7",
  "harga_satuan" : "7000",
  "total" : "49000"

  "_id" : ObjectId("5c7699288d64dc1dfa5d76d5"),
  "id" : "8708",
  "tanggal" : "22",
  "jumlah_barang" : "4",
  "harga_satuan" : "9000",
  "total" : "36000"

  "_id" : ObjectId("5c7699c58d64dc1dfa5d76d6"),
  "id" : "1122",
  "tanggal" : "20",
  "jumlah_barang" : "8",
  "harga_satuan" : "9000",
  "total" : "72000"

  "_id" : ObjectId("5c769a1a8d64dc1dfa5d76d7"),
```

Update

```
  "tanggal" : "18",
  "jumlah_barang" : "9",
  "harga_satuan" : "9000",
  "total" : "81000"

db.pembeli.find({id
.. db.pembeli.insert({id:'1122', tanggal: '20', jumlah_barang:'8', harga_satuan:'9000', total:'72000'})
.. })
019-02-27T21:14:03.959+0700 E QUERY    [js] SyntaxError: missing : after property id @(shell):2:0
db.pembeli.find({id:barang})
019-02-27T21:15:00.898+0700 E QUERY    [js] ReferenceError: barang is not defined :
(shell):1:18
db.pembeli.update({"id" : "barang" },{$set: {"id" : "9954"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
db.pembeli.find().pretty()

  "_id" : ObjectId("5c76914b8d64dc1dfa5d76d3"),
  "id" : "9954",
  "tanggal" : "27",
  "jumlah_barang" : "2",
  "harga_satuan" : "10000",
  "total" : "20000"
```

Insert

```
C:\WINDOWS\system32\cmd.exe - mongo
---
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 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 dbs
admin 0.000GB
config 0.000GB
local 0.000GB
> use onetomany
switched to db onetomany
> db.pembeli.insert({id:'barang', tanggal:'27', jumlah_barang:'2', harga_satuan:'10000', total:'20000'})
WriteResult({ "nInserted" : 1 })
> db.pembeli.find().pretty()
{
  "_id" : ObjectId("5c76914b8d64dc1dfa5d76d3"),
  "id" : "barang",
  "tanggal" : "27",
  "jumlah_barang" : "2",
  "harga_satuan" : "10000",
  "total" : "20000"
}
> db.pembeli.insert({id:'barang', tanggal:'27', jumlah_barang:'2', harga_satuan:'10000', total:'20000'})
```