

NAMA : ROIS SHOLEHAN

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ONE TO MANY

```
> use Dosen1
switched to db Dosen1
> db
Dosen1
> db.dosen1.insert([ {Nip:'12345678', Nama_Dosen:'Muklis', alamat:'nganjuk', Tgl_lahir:'08-11-1980', email:'gantengku121@gmail.com'} ])
BulkWriteResult({
  "writeErrors" : [ ],
  "writeConcernErrors" : [ ],
  "nInserted" : 1,
  "nUpserted" : 0,
  "nMatched" : 0,
  "nModified" : 0,
  "nRemoved" : 0,
  "upserted" : [ ]
})
> show collections
dosen1
> db.dosen1.find().pretty()
{
  "_id" : ObjectId("5c76af047447c06f310b7d4f"),
  "Nip" : "12345678",
  "Nama_Dosen" : "Muklis",
  "alamat" : "nganjuk",
  "Tgl_lahir" : "08-11-1980",
  "email" : "gantengku121@gmail.com"
}
```

Membuat Database dan Collections

```
> db.matkul.find().pretty()
{
  "_id" : ObjectId("5c76aff27447c06f310b7d50"),
  "matkul" : "Bahasa_Ingggris",
  "Nip" : ObjectId("5c76af047447c06f310b7d4f"),
  "jumlah_sks" : "2",
  "jenis_matkul" : "wajib"
}
> db.dosen1.find().pretty()
{
  "_id" : ObjectId("5c76af047447c06f310b7d4f"),
  "Nip" : "12345678",
  "Nama_Dosen" : "Muklis",
  "alamat" : "nganjuk",
  "Tgl_lahir" : "08-11-1980",
  "email" : "gantengku121@gmail.com"
}
>
```

Hasil

MANY TO MANY

```
> use Gudang
switched to db Gudang
> db
Gudang
```

```
> db.target.insert({nama_barang:'arloji',id_barang:db.distributor.find()[0]._id,tanggal:db.toko.find()[0]._id})
WriteResult({ "nInserted" : 1 })
> db.target.find().pretty()
{
  "_id" : ObjectId("5c76aa9dc91d31b8d06abdbb"),
  "nama_barang" : "arloji",
  "id_barang" : ObjectId("5c76a06bc91d31b8d06abdb9"),
  "tanggal" : ObjectId("5c76a97bc91d31b8d06abdba")
}
> db.distributor.find().pretty()
{
  "_id" : ObjectId("5c76a06bc91d31b8d06abdb9"),
  "nama_barang" : "arloji",
  "id_barang" : "ABC",
  "tanggal" : "05-08-2016"
}
> db.toko.find().pretty()
{
  "_id" : ObjectId("5c76a97bc91d31b8d06abdba"),
  "nama_barang" : "arloji",
  "id_barang" : "ABC",
  "penjualan" : "barang",
  "tanggal" : "05-08-2016"
}
>
```