

TUGAS 3 BASIS DATA LANJUT

Nama : Widyatna Dahniah
NIM : 17050623025
Prodi : D3 Manajemen Informatika

CRUD

1. Insert one

```
> use kendaraan
switched to db kendaraan
> db.list.insertOne({nama:"avanza", tahun_keluar:"2008"})
{
  "acknowledged" : true,
  "insertedId" : ObjectId("5cadeaa9fa3a6e9978a0fd17")
}
>
```

2. Insert Many

```
C:\WINDOWS\system32\cmd.exe - mongo db
> db.list.insertMany([
... {nama:"ertiga",tahun_keluar:"2017"},
... {nama:"aventador",tahun_keluar:"2018"},
... {nama:"nissan_gtr_r35",tahun_keluar:"2018"}])
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("5cadebe6fa3a6e9978a0fd18"),
    ObjectId("5cadebe6fa3a6e9978a0fd19"),
    ObjectId("5cadebe6fa3a6e9978a0fd1a")
  ]
}
>
```

3. Query on Embedded/Nested Document

```
C:\WINDOWS\system32\cmd.exe - mongo db
> db.list.insertMany([ {nama:"ferrari458spider", tahun_keluar:"2018", mode_berkendara: {1:"corsa",2:"comfort"}} ,
{nama:"bugatichirron", tahun_keluar:"2018", mode_berkendara: {1:"corsa", 2:"race"}} ])
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("5cadee40fa3a6e9978a0fd1b"),
    ObjectId("5cadee40fa3a6e9978a0fd1c")
  ]
}
>
```

4. Query on array

```
C:\WINDOWS\system32\cmd.exe - mongo db
> db.list.insertMany([ {nama:"koesignegjesko", tahun_keluar:"2019", mode_berkendara: ["corsa", "race"]},
... {nama:"lambo_huracan", tahun_keluar:"2018", mode_berkendara:["corsa", "comfort"]} ])
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("5cadef81fa3a6e9978a0fd1d"),
    ObjectId("5cadef81fa3a6e9978a0fd1e")
  ]
}
```

5. Query for null

```
C:\WINDOWS\system32\cmd.exe - mongo db
> db.list.insertOne( {nama:"kijanginnova", tahun_keluar: null} )
{
  "acknowledged" : true,
  "insertedId" : ObjectId("5cadf010fa3a6e9978a0fd1f")
}
```

6. Update Document

```
C:\WINDOWS\system32\cmd.exe - mongo db
> db.list.updateOne( {nama:"ertiga"},
... {$set: {tahun_keluar:"2016", mode_berkendara: ["manual", "matic"]} })
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
```

7. Delete Document

```
C:\WINDOWS\system32\cmd.exe - mongo db
> db.list.deleteOne( {nama:"kijanginnova"})
{ "acknowledged" : true, "deletedCount" : 1 }
```