db.mycollection.insertMany([{name:"ron",dob:"12-03-2002",phone:"9876545671",mail_id:"sdfff@gmail.com",place:"banglore"},{name:"harry",dob:"13-04-2000",phone:"8765437891",mail_id:"fghutrr@gmail.com",place:"banglore"},{name:"draco",dob:"13-04-2000",phone:"8881232477",mail_id:"oiuytr@gmail.com",place:"delhi"}])

```
> db.mycollection.find().pretty()
{
        "_id" : ObjectId("6267c7eeece9bf3891fb7a74"),
        "name" : "ron",
        "dob" : "12-03-2002",
        "phone" : "9876545671",
        "mail_id" : "sdfff@gmail.com",
        "place" : "banglore"
}
{
        "_id" : ObjectId("6267c7eeece9bf3891fb7a75"),
        "name" : "harry",
        "dob" : "13-04-2000",
        "phone" : "8765437891",
        "mail_id" : "fghutrr@gmail.com",
        "place" : "banglore"
}
{
        "_id" : ObjectId("6267c7eeece9bf3891fb7a76"),
        "name" : "draco",
        "dob" : "13-04-2000",
        "phone" : "8881232477",
        "mail_id" : "oiuytr@gmail.com",
        "place" : "delhi"
}
```

Aggregate functions
1.count:

 db.mycollection.aggregate([{$match:{place:"banglore"}},{$count:" members staying in banglore"}])

```
@(shell):1:1
> db.mycollection.aggregate([{$match:{place:"banglore"}},{$count:" members staying in banglore"}])
{ " members staying in banglore" : 2 }
```

db.mycollection.updateMany({name:"harry"},{$set:{age:"19"}})
db.mycollection.updateMany({name:"draco"},{$set:{age:"21"}})
db.mycollection.updateMany({name:"ron"},{$set:{age:"20"}})

db.mycollection.find().pretty()

```
> db.mycollection.find().pretty()
{
        "_id" : ObjectId("6267c7eeece9bf3891fb7a74"),
        "name" : "ron",
        "dob" : "12-03-2002",
        "phone" : "9876545671",
        "mail_id" : "sdfff@gmail.com",
        "place" : "banglore",
        "age" : "20"
}
{
        "_id" : ObjectId("6267c7eeece9bf3891fb7a75"),
        "name" : "harry",
        "dob" : "13-04-2000",
        "phone" : "8765437891",
        "mail_id" : "fghutrr@gmail.com",
        "place" : "banglore",
        "age" : "19"
}
{
        "_id" : ObjectId("6267c7eeece9bf3891fb7a76"),
        "name" : "draco",
        "dob" : "13-04-2000",
        "phone" : "8881232477",
        "mail_id" : "oiuytr@gmail.com",
        "place" : "delhi",
        "age" : "21"
}
```

Row wise minimum:

db.mycollection.aggregate([{$group:{_id:"$name",minimumage:{$min:"$age"}}}])

```
> db.mycollection.aggregate([{$group:{_id:"$name",minimumage:{$min:"$age"}}}])
{ "_id" : "draco", "minimumage" : "21" }
{ "_id" : "ron", "minimumage" : "20" }
{ "_id" : "harry", "minimumage" : "19" }
```

Row wise maximum:

db.mycollection.aggregate([{$group:{_id:"$name",maximumage:{$max:"$age"}}}])

```
> db.mycollection.aggregate([{$group:{_id:"$name",maximumage:{$max:"$age"}}}])
{ "_id" : "ron", "maximumage" : "20" }
{ "_id" : "harry", "maximumage" : "19" }
{ "_id" : "draco", "maximumage" : "21" }
```

Column wise minimum:

db.mycollection.aggregate([{$match:{}},{$group:{_id:"age",min_age_of_all:{$min:"$age"}}}])

```
> db.mycollection.aggregate([{$match:{}},{$group:{_id:"age",min_age_of_all:{$min:"$age"}}}])
{ "_id" : "age", "min_age_of_all" : "19" }
```

Column wise maximum:

db.mycollection.aggregate([{$match:{}},{$group:{_id:"age",max_age_of_all:{$max:"$age"}}}])

```
> db.mycollection.aggregate([{$match:{}},{$group:{_id:"age",max_age_of_all:{$max:"$age"}}}])
{ "_id" : "age", "max_age_of_all" : "21" }
```

First value:
db.mycollection.aggregate([{$match:{}},{$group:{_id:"age",first_age:{$first:"$age"}}}])

```
> db.mycollection.aggregate([{$match:{}},{$group:{_id:"age",first_age:{$first:"$age"}}}])
{ "_id" : "age", "first_age" : "20" }
```

Last value:

```
db.mycollection.aggregate([{$match:{}},{$group:{_id:"age",last_age:{$last:"$age"}}}])
```

```
> db.mycollection.aggregate([{$match:{}},{$group:{_id:"age",last_age:{$last:"$age"}}}])
{ "_id" : "age", "last_age" : "21" }
>
```

Sum:
Average:

```
> db.mycollection.aggregate([{$match:{}},{$group:{_id:"age",first_age:{$first:"$age"}}}])
{ "_id" : "age", "first_age" : "20" }
```