## Aggregate functions:

1) \$match:

db.mycollection.aggregate([{\$match:{marks:100}},{\$count:"Total number of students who scored 100"}])

{ "Total number of students who scored 100" : 2 }

```
db.mycollection.aggregate([{$match:{marks:100}},{$count:"Total number of stdents who scored 100"}])
[ "Total number of stdents who scored 100" : 2 }
```

```
2. $sort:
```

```
db.mycollection.aggregate([{$sort:{'fee_paid':1}}])
{ "_id" : ObjectId("624bc02ecc8fc22df10a893f"), "name" : "anvi", "marks" : 100, "fee_paid" : 10000 }
{ "_id" : ObjectId("624bc24014c22ccabf3e23d1"), "name" : "vidya", "marks" : 100, "sec" : "c", "fee_paid" : 15000 }
{ "_id" : ObjectId("624bc02ecc8fc22df10a8940"), "name" : "arpi", "marks" : 95, "fee_paid" : 20000, "sec" : "a" }
```

```
> db.mycollection.aggregate([{$sort:{'fee_paid':1}}]).pretty()
{
        "_id" : ObjectId("624bc02ecc8fc22df10a893f"),
        "name" : "anvi",
        "marks" : 100,
        "fee_paid" : 10000
}
{
        "_id" : ObjectId("624bc24014c22ccabf3e23d1"),
        "name" : "vidya",
        "marks" : 100,
        "sec" : "c",
        "fee_paid" : 15000
}
{
        "_id" : ObjectId("624bc02ecc8fc22df10a8940"),
        "name" : "arpi",
        "marks" : 95,
        "fee_paid" : 20000,
        "sec" : "a"
} _
```

## 3.\$group:

db.mycollection.aggregate([{\$group:{\_id:"\$sec",total\_stduent:{\$sum:1},max\_fee\_paid:{\$max:"\$fee\_paid"}}}]).pretty()