Counting Number of Row

Sorting, Skipping & Selecting

```
db.employees.aggregate([
    {$sort:{salary:-1}}
])
```

```
db.employees.aggregate([

{$sort:{_id:-1}},
{$skip:2},
{$limit:2}

])

//Same code
db.employees.find({}).sort({"_id":-1}).skip(2).limit(2)
```

Find data using \$match condition

```
db.employees.aggregate([
    {$match: {salary:{$lt:90000}}}}
])
```

Using \$match with multiple condition

```
db.employees.aggregate([
    {$match:{salary:{$lt:100000}}},
    {$match:{city:{$nin:["Dhaka"]}}}
])
```

Select alike data

Projection the data by Column

Show data by Group

Show only unique data

show sum by grouping

show average by grouping

show max value by grouping

show min value by grouping

combine group

Show Max, Min & Avg value of a column

Max value

Max value

Avg value

Add a new column & Set value with condition

Add a column and the values of this column depend on the value of the price

- Add a column and the values of this column depend on the value of the price and city.
- if both condition is true then it will be true.

```
db.employees.aggregate([
   {
        $addFields: {
            value: {
                $switch: {
                    branches: [
                        {
                            case: { $and: [
                                                                 { $gt:
["$salary", 80000] },
                                                                 { $eq:
["$city", "Dhaka"] }
                                                             ]
                                                         },
                            then: 30
                        },
                        {
                            case: { $gt: ["$salary", 60000] },
                            then: 20
                        },
                            case: { $eq: ["$city", "Mumbai"] },
                            then: 10
                        }
                    ],
                    default: 0
                       // Default value if no conditions match
                }
            }
       }
   }
1);
```