

LABTASK-13

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Task:1
db.cities.find({"population":{\$It:30,\$ne:0}}).limit(2).pretty()

Task:2

db.cities.find({timezone:"Asia/Jakarta"}).count()

```
> db.cities.find({timezone:"Asia/Jakarta"}).count()
1430
>
```

Task:3

db.cities.find({"timezone":"Asia/Karachi","country":"PK"}).sort({"population":-1}).forEach(printjson)

```
db.cities.find({"timezone":"Asia/Karachi","country":"PK"}).sort({"population":-1}).forEach(printjson)
{
        "_id" : ObjectId("60c4d84dae21aade284ffb82"),
        "name" : "Karachi",
        "country" : "PK",
        "timezone" : "Asia/Karachi",
        "population" : 11624219,
        "loration" : {
            "longitude" : 24.9056,
            "latitude" : 67.0822
        }
}

{
        "_id" : ObjectId("60c4d84dae21aade284ffb55"),
        "name" : "Lahore",
        "country" : "PK",
        "timezone" : "Asia/Karachi",
        "population" : 6310888,
        "location" : {
            "logitude" : 31.54972,
            "latitude" : 74.34361
        }
}

{
        "_id" : ObjectId("60c4d84dae21aade284ffbd2"),
        "name" : "Faisalābād",
        "country" "PK",
        "timezone" : "Asia/Karachi",
        "population" : 2506595,
        "location" : {
            "longitude" : 31.41667,
            "langitude" : 73.08333
        }
}

{
            "_id" : ObjectId("60c4d84dae21aade284ffaf5"),
            ""arace" : "Picalaide": 73.08333
        }
}

{
            "_id" : ObjectId("60c4d84dae21aade284ffaf5"),
            ""arace" : "Picalaide": 73.08333
        }
}
```

Task:4.1 db.cities.getIndexes()

```
,
> db.cities.getIndexes()
[ { "v" : 2, "key" : { "_id" : 1 }, "name" : "_id_" } ]
>
```

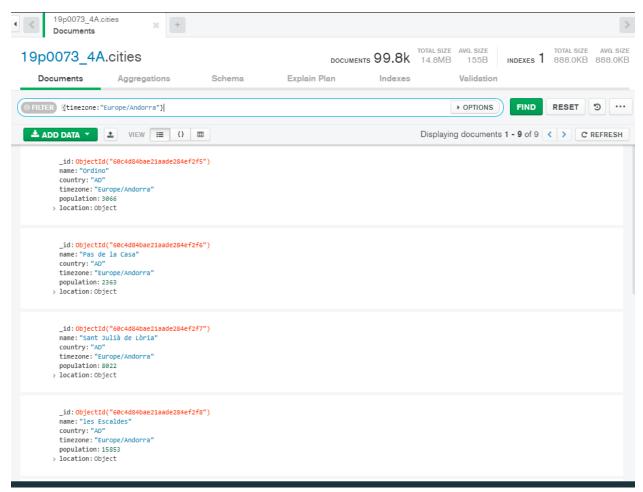
Task:4.2 db.cities.createIndex({population:1})

```
> db.cities.createIndex({population:1})
{
        "createdCollectionAutomatically" : false,
        "numIndexesBefore" : 1,
        "numIndexesAfter" : 2,
        "ok" : 1
}
```

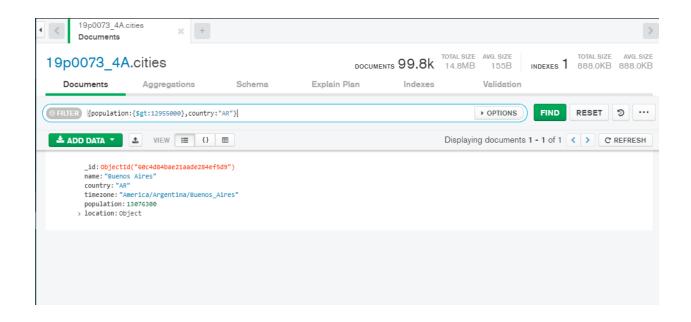
Task : 4.3 db.cities.dropIndex({population:1})

```
> db.cities.dropIndex({population:1})
{ "nIndexesWas" : 2, "ok" : 1 }
>
```

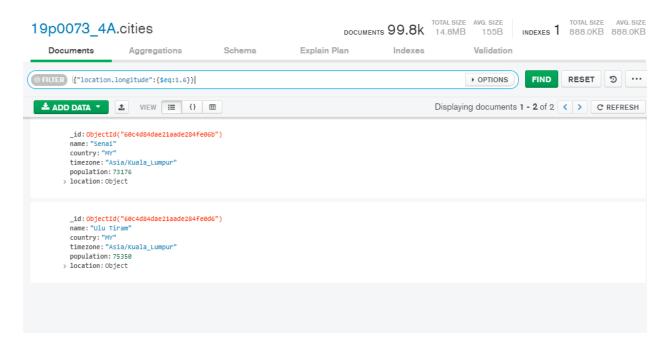
Task: 5.1 {timezone:"Europe/Andorra"}



Task:5.2 {population:{\$gt:12955000},country:"AR"}



Task:5.2 {"location.longitude":{\$eq:1.6}}



Task:5.3
{"location.longitude":{\$eq:1.6}}
{location:1,population:1}

