Title: Concept of pagination and looping

Aim: To apply pagination and looping on covid dataset

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NoSQL Lab5

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Importing the dataset

```
:\Users\KRISH>mongoimport --db employee --collection covid_data --type=csv --headerline --file="D:\Z\Downloads\covid_worldwide.csv"

!023-03-03T13:48:34.051+0530 connected to: mongodb://localhost/

!023-03-03T13:48:34.085+0530 231 document(s) imported successfully. 0 document(s) failed to import.
```

Q1) Display the top 10 countries name and Total_Death rate in highest to lowest order in page 1.

Q2) Display the next 10 countries details in page 2.

```
employee> var cur2 = db.covid_data.find({}), {'Country': 1, 'Total Deaths': 1}).sort({'Total Deaths': -1}).limit(10).skip(10)
employee> while (cur2.hasHext()){
    ... print(cur2.next())}
    _id: ObjectId("640ladSa22ed84f860cfedea"),
    Country: 'Afghanistan',
    'total Deaths': '7,882'
}

_id: ObjectId("640ladSa22ed84f860cfedaf"),
    Country: 'Uruguay',
    'total Deaths': '7,509'
}

_id: ObjectId("640ladSa22ed84f860cfedd0"),
    Country: 'Ethiopia',
    'total Deaths': '7,572'

_id: ObjectId("640ladSa22ed84f860cfed03"),
    Country: 'Belanus',
    'total Deaths': '7,118'

_id: ObjectId("640ladSa22ed84f860cfed00"),
    Country: 'Slevenia',
    'total Deaths': '7,050'

_id: ObjectId("640ladSa22ed84f860cfed60"),
    Country: 'Slevenia',
    'total Deaths': '09,074'

_id: ObjectId("640ladSa22ed84f860cfed60"),
    Country: 'Nexxil',
    'total Deaths': '68,309'

_id: ObjectId("640ladSa22ed84f860cfed90"),
    Country: 'Nomania',
    'total Deaths': '67,576'

_id: ObjectId("640ladSa22ed84f860cfed90"),
    Country: 'Nomania',
    'total Deaths': '67,576'

_id: ObjectId("640ladSa22ed84f860cfed91"),
    Country: 'Nomania',
    'total Deaths': '67,576'

_
```

Q3) Likewise continue for next 2 pages.

```
employeev var cur3 = db.covid_data.find((), {'Country': 1, 'Total Deaths': 1)}.sort({'Total Deaths': -i}).limit(18).skip(28)
employee while (cur3.hashext()) {print(cur2.next())}
MompoursorEndmastedError: Curson is exhausted
employee while (cur3.hashext()) {print(cur3.next())}

deaths': '6,881'

i.di: ObjectId('6401ad5a22ed84f860cfedd2'),
Country: 'Libya',
'Total Deaths': '6,837'

{
    id: ObjectId('6401ad5a22ed84f860cfedb4'),
Country: 'Libya',
'Total Deaths': '6,218'

{
    id: ObjectId('6401ad5a22ed84f860cfedb4'),
Country: India',
'Total Deaths': '6,218'

{
    id: ObjectId('6401ad5a22ed84f860cfed8b'),
Country: India',
'Total Deaths': '50,380'

{
    id: ObjectId('6401ad5a22ed84f860cfed8a'),
Country: 'Counda,
'Total Deaths': '5,845'

}
    id: ObjectId('6401ad5a22ed84f860cfed6a'),
Country: 'Counda,
'Total Deaths': '5,845'

{
    id: ObjectId('6401ad5a22ed84f860cfed6a'),
Country: 'Kennya',
'Total Deaths': '5,845'

}
    id: ObjectId('6401ad5a22ed84f860cfed6a'),
Country: 'Kennya',
'Total Deaths': '5,845'

{
    id: ObjectId('6401ad5a22ed84f860cfed6a'),
Country: 'Zimbabue',
'Total Deaths': '5,845'

}
    id: ObjectId('6401ad5a22ed84f860cfed6f'),
Country: 'Zimbabue',
'Total Deaths': '5,862'

id: ObjectId('6401ad5a22ed84f860cfed6f'),
Country: 'Zimbabue',
'Total Deaths': '5,862'

id: ObjectId('6401ad5a22ed84f860cfed6f'),
Country: 'Zimbabue',
'Total Deaths': '5,804'
```

Q4) Display the count of active cases more than 68399.

```
employee> db.covid_data.find({"Active Cases": {$gt: '68399'}}).count()
40
```

Q5) Display all the country names with their death rate in format "Country Name: Total Death".

```
mpd_loyee> ver cur9 = db.covid_data.find({}, {"Country": 1, "Total Deaths": 1}).forEach(function(myDoc) {print(myDoc.Country + ":" + myDoc["Total Deaths"]})}
Lindia.5380,740
India.5380,740
Brazil.697,074
Brazil.697
Brazil.697
Brazil.697
Brazil.697
Brazil.697
Brazil.697
B
```

Q6) Check for null entry attempts made for a particular key and print the same.

There are no Null entries in the "Active Cases" column.s

```
employee> var cur5 = db.covid_data.find({"Active Cases": {$exists: false}})
employee> while (cur5.hasNext()) {print(cur5.next())}
```