Importing the essential library

In [1]:
```python
import pandas as pd
```

Loading the dataset and find if the data contains null values

In [2]:
```python
df = pd.read_csv('country_wise_latest.csv')
df.head()
```

Out[2]:

	Country/Region	Confirmed	Deaths	Recovered	Active	New cases	New deaths	New recovered	Deaths / 100 Cases
0	Afghanistan	36263	1269	25198	9796	106	10	18	3.50
1	Albania	4880	144	2745	1991	117	6	63	2.95
2	Algeria	27973	1163	18837	7973	616	8	749	4.16
3	Andorra	907	52	803	52	10	0	0	5.73
4	Angola	950	41	242	667	18	1	0	4.32

In [3]:
```python
df.isnull().sum()
```

Out[3]:
```
Country/Region          0
Confirmed               0
Deaths                  0
Recovered               0
Active                  0
New cases               0
New deaths              0
New recovered           0
Deaths / 100 Cases      0
Recovered / 100 Cases   0
Deaths / 100 Recovered  0
Confirmed last week     0
1 week change           0
1 week % increase       0
WHO Region              0
dtype: int64
```

What are the average cases in a country?

```
In [41]: def avg_cases(df):
             tot = 0
             for i in df['Confirmed']:
                 tot += i
                 avg = int(tot/len(df))
             return (avg)
         print('Average cases in a country :',avg_cases(df))
```

Average cases in a country : 88130

```
In [43]: # one line solution to find the average
         Average_cases = int(df['Confirmed'].mean())
         print('Average cases in a country is : ',Average_cases)
```

Average cases in a country is : 88130

What is the total number of deaths as per the dataset?

```
In [27]: def tot_death(df):
             tot = 0
             for i in df['Deaths']:
                 tot += i
             return tot
         print(tot_death(df))
```

654036

```
In [39]: # one line solution to find the sum
         total_death = df['Deaths'].sum()
         print('Total deaths all over the world : ',total_death )
```

Total deaths all over the world : 654036

What is the total number of confirmed cases?

```
In [35]: def tot_confirmed(df):
             tot = 0
             for i in df['Confirmed']:
                 tot += i
             return tot
         print('Total Confirmed cases : ',tot_confirmed(df))
```

Total Confirmed cases :   16480485

```
In [40]: total_confirmed = df['Confirmed'].sum()
         print('Total confirmed cases all over the world : ',total_confirmed)
```

Total confirmed cases all over the world :   16480485