# COVID Analysis - Sort Analysis - Countries. Get the output for the following questions also:

## Import libraries ¶

In [1]:
```
import pandas as pd
import numpy as np
```

## Loading dataset

In [2]:
```
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 | R |
|---|---|---|---|---|---|---|---|---|---|---|
| **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 | |

# Which Country is having maximum confirmed cases? (Top 5 Countries)

In [3]:
```
# Top 5 country having  maximum confirmed cases
country_names = df.sort_values('Confirmed',ascending=False)[['Country/Region',

# Country having most confirmed cases
maxi_confirmed_case_country = country_names.values[0]


print('*'*50)
print(maxi_confirmed_case_country[0],'is having maximum confirmed cases as',ma
print('-'*50)


country_names
```

```
**************************************************
US is having maximum confirmed cases as 4290259
--------------------------------------------------
```

Out[3]:

| | Country/Region | Confirmed |
|---|---|---|
| **173** | US | 4290259 |
| **23** | Brazil | 2442375 |
| **79** | India | 1480073 |
| **138** | Russia | 816680 |
| **154** | South Africa | 452529 |

# Which Country is having maximum deaths? ( Top 5 Contries )

In [4]:
```
# Top 5 country having  maximum deaths
country_names = df.sort_values('Deaths',ascending=False).head()[['Country/Regi

# Country having most deaths
maxi_death_country = country_names.values[0]

print('*'*50)
print(maxi_death_country[0],'is having maximum death cases as',maxi_death_coun
print('-'*50)

country_names
```

```
**************************************************
US is having maximum death cases as 148011
--------------------------------------------------
```

Out[4]:

| | Country/Region | Deaths |
|---|---|---|
| **173** | US | 148011 |
| **23** | Brazil | 87618 |
| **177** | United Kingdom | 45844 |
| **111** | Mexico | 44022 |
| **85** | Italy | 35112 |

In [ ]: