```
In [1]:
                                                                                        H
!pip install bs4
Defaulting to user installation because normal site-packages is not writea
ble
Requirement already satisfied: bs4 in c:\users\darshan\appdata\roaming\pyt
hon\python39\site-packages (0.0.1)
Requirement already satisfied: beautifulsoup4 in c:\programdata\anaconda3
\lib\site-packages (from bs4) (4.11.1)
Requirement already satisfied: soupsieve>1.2 in c:\programdata\anaconda3\l
ib\site-packages (from beautifulsoup4->bs4) (2.3.1)
                                                                                        H
In [2]:
from bs4 import BeautifulSoup
In [3]:
import requests
In [4]:
!pip install requests
Defaulting to user installation because normal site-packages is not writea
Requirement already satisfied: requests in c:\programdata\anaconda3\lib\si
te-packages (2.28.1)
Requirement already satisfied: certifi>=2017.4.17 in c:\programdata\anacon
da3\lib\site-packages (from requests) (2022.9.14)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\programdata\ana
conda3\lib\site-packages (from requests) (1.26.11)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\programdata
\anaconda3\lib\site-packages (from requests) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in c:\programdata\anaconda3\li
b\site-packages (from requests) (3.3)
In [5]:
                                                                                        H
page=requests.get('https://www.worldometers.info/coronavirus/')
In [6]:
page
Out[6]:
<Response [200]>
```

```
H
In [7]:
soup=BeautifulSoup(page.content)
In [8]:
                                                                                           H
print(soup.prettify())
In [9]:
info=soup.find_all('table')
In [10]:
a=[]
for i in info:
    for j in i.find_all('td'):
        a.append(j.text.replace('\n',''))
а
Out[10]:
 'North America',
 '125,917,579',
 '1,624,912',
 '121,589,541',
 '+1,254',
 '2,703,126',
 '6,888',
 'North America',
In [11]:
a.index("1")
Out[11]:
176
In [12]:
                                                                                           H
no=a[176::22]
```

```
H
In [13]:
name=a[177::22]
name
                                             . . .
In [14]:
                                                                                            H
total_case=a[178::22]
total_case
In [15]:
                                                                                            H
new_case=a[179::22]
new_case
In [16]:
                                                                                            H
total_death=a[180::22]
total_death
                                                                                            H
In [17]:
new_death=a[181::22]
new_death
In [18]:
                                                                                            H
total_recover=a[182::22]
total_recover
In [19]:
                                                                                            H
new_recover=a[183::22]
new_recover
In [20]:
active_case=a[184::22]
active_case
In [21]:
                                                                                            H
serious=a[185::22]
serious
```

```
H
In [22]:
top_case=a[186::22]
top_case
                                              . . .
In [23]:
                                                                                             H
death_perm=a[187::22]
death_perm
In [24]:
                                                                                             H
total_test=a[188::22]
total_test
                                                                                             H
In [25]:
population=a[190::22]
population
                                                                                             H
In [26]:
num=no[0:231]
num
In [27]:
                                                                                             H
names=name[0:231]
names
Out[27]:
['USA',
 'India',
 'France',
 'Germany',
 'Brazil',
 'Japan',
 'S. Korea',
 'Italy',
 'UK',
 'Russia',
 'Turkey',
 'Spain',
 'Vietnam',
 'Australia',
 'Taiwan',
 'Argentina',
 'Netherlands',
```

```
H
In [28]:
total_cases=total_case[0:231]
total_cases
Out[28]:
['106,418,595',
 '44,776,002',
 '39,867,463',
 '38,377,656',
 '37,358,092',
 '33,547,551',
 '30,956,026',
 '25,715,384',
 '24,448,729',
 '22,734,824',
 '17,232,066',
 '13,798,747'
 '11,528,303',
 '11,352,930',
 '10,239,998',
 '10,044,957',
 '8,610,372',
In [29]:
new_cases=new_case[0:231]
new_cases
Out[29]:
 '+11,596',
```

```
H
In [30]:
deaths=total_death[0:231]
deaths
Out[30]:
['1,157,462
 '531,016
 '165,916
 '171,748
 '700,811
 '74,164
 '34,361
 '189,262
 '209,396
 '397,681
 '102,174
 '120,426
 '43,186
 '19,933
 '19,005
 130,472
 '22,992
In [31]:
                                                                                             H
total_deaths=[]
for i in deaths:
    b=i.strip()
    total_deaths.append(b)
total_deaths
Out[31]:
['1,157,462',
 '531,016',
 '165,916',
 '171,748',
 '700,811',
 '74,164',
 '34,361',
 '189,262',
 '209,396',
 '397,681',
 '102,174',
 '120,426',
 '43,186',
 '19,933',
 '19,005',
 '130,472',
 '22,992',
```

```
In [32]:
                                                                                            H
new_deaths=new_death[0:231]
new_deaths
Out[32]:
In [33]:
total_recovered=total_recover[0:231]
total_recovered
Out[33]:
['104,260,123',
 '44,204,771',
 '39,569,363',
 '38,143,900',
 '36,249,161',
 '21,725,273',
 '30,734,900',
 '25,393,597',
 '24,239,333',
 '22,116,159',
 'N/A',
 '13,645,949',
 '10,615,180',
 '11,291,664',
 '10,220,950',
 '9,914,485',
 '8,580,796',
```

```
H
In [34]:
new_recovered=new_recover[0:231]
new_recovered
Out[34]:
 '+5,100',
 '+9,347',
 'N/A',
 '+55',
 '+555',
In [35]:
                                                                                             H
active_cases=active_case[0:231]
active_cases
Out[35]:
['1,001,010',
 '40,215',
 '132,184',
 '62,008',
 '408,120',
 '11,748,114',
 '186,765',
 '132,525',
 '0',
 '220,984',
 'N/A',
 '32,372',
 '869,937',
 '41,333',
 '43',
 '0',
 '6,584',
In [36]:
                                                                                             H
seriouss=serious[0:231]
```

```
In [37]:
                                                                                        H
top_cases_per_M=top_case[0:231]
In [38]:
                                                                                        H
top_death_per_M=death_perm[0:231]
In [39]:
                                                                                        H
total_tests=total_test[0:231]
In [40]:
                                                                                        H
population_=population[0:231]
In [41]:
                                                                                        H
import pandas as pd
In [42]:
                                                                                        H
Covid_report=pd.DataFrame({})
Covid_report['sr.no']=num
Covid_report['Country Name']=names
Covid_report['Total Cases']=total_cases
Covid report['New Cases']=new cases
Covid_report['Total Deaths']=total_deaths
Covid_report['New Deaths']=new_deaths
Covid_report['Total Recovered']=total_recovered
Covid_report['New Recovered']=new_recovered
Covid_report['Serious Cond']=seriouss
Covid_report['Top cases per Million']=top_cases_per_M
Covid_report['Top death per million']=top_death_per_M
Covid_report['Total Tests']=total_tests
Covid_report['Total Population']=population_
```

In [43]: ▶

Covid\_report

## Out[43]:

	sr.no	Country Name	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	New Recovered	Serious Conc
0	1	USA	106,418,595		1,157,462		104,260,123		1,722
1	2	India	44,776,002		531,016		44,204,771		N/A
2	3	France	39,867,463		165,916		39,569,363		869
3	4	Germany	38,377,656		171,748		38,143,900	+5,100	N/A
4	5	Brazil	37,358,092		700,811		36,249,161		N/A
226	227	Vatican City	29				29		
227	228	Western Sahara	10		1		9		
228	229	MS Zaandam	9		2		7		
229	230	Tokelau	5						
230	231	China	503,302		5,272		379,053		N/A
004		40.							

231 rows × 13 columns

In [44]: ▶

Covid\_report.to\_csv('Covidreport')

In [45]:

import pymysql as mycon

In [47]:

con1=mycon.connect(host='localhost',user='root',database='covid')

In [48]:

#create cursor

mycursor=con1.cursor()

```
In [50]:
mycursor.execute("create table covidreports(sr_no int,Country_name varchar(50),Total_cas
Out[50]:
In [51]:
                                                                      H
for i in range(len(num)):
   con1.commit()
In [52]:
                                                                      M
!pip install mysql-connector-python
In [53]:
import mysql.connector as mycon
In [56]:
conn=mycon.connect(host='localhost',user='root',database='covid',password='')
In [58]:
                                                                      H
if conn.is_connected():
   mycursor=conn.cursor()
   mycursor.execute("create table if not exists covidreport(sr_no int,Country_name varc
   print("Table created")
   for i,row in Covid_report.iterrows():
      mycursor.execute(sql,tuple(row))
      conn.commit()
Table created
In [ ]:
                                                                      H
```