In [1]:

```
print("Introdução à Python - Projeto 5")
print("Aluno: Paulo Victor Damasceno e Silva")
print("Matrícula: 174350045")
```

```
Introdução à Python - Projeto 5
Aluno: Paulo Victor Damasceno e Silva
Matrícula: 174350045
```

In [3]:

```
#Base

import matplotlib as mpl
import matplotlib.pyplot as plt
%matplotlib inline
import csv
import numpy as np
arquivo = open('case_time_series.csv')
Date,Daily_Confirmed,Total_Confirmed,Daily_Recovered,Total_Recovered,Daily_Deceased,Total_D




plt.rcParams['figure.figsize'] = (20,30)
```

In [6]:

```
#Casos Acumulados

mpl.pyplot.plot(Date,Total_Confirmed,label='Confirmados/total',color='r')
mpl.pyplot.plot(Date,Total_Recovered,label='Recuperado/total',color='g')
mpl.pyplot.plot(Date,Total_Deceased,label='Mortos/total',color='b')
plt.xlabel('Data')
plt.title('COVID-19 Total')
plt.grid()
plt.show()
```

In [7]:

```
#Casos Diários

mpl.pyplot.plot(Date, Daily_Confirmed,label='Confirmados/Dia',color='r')
mpl.pyplot.plot(Date,Daily_Recovered,label='Recuperados/Dia',color='g')
mpl.pyplot.plot(Date,Daily_Deceased,label='Mortes/Dia',color='b')
plt.xlabel('Data')
plt.title('COVID-19 Dia')
plt.grid()
plt.show()
```