```
import packages numpy,pandas

#reads .csv file
fields = ['iso_code',
'location','date','date','new_cases','new_tests','total_tests']
df = pd.read_csv('owid-covid-data.csv', skipinitialspace=True,
usecols=fields)

#Cleaning for Country column

for all records:
    if(Location has null/invalid value):
        #check if iso_code has 'MYS'
        if('iso_code' for that row is "MYS"):
            repalce country name as "Malaysia"
        else:
            delete the record


Filter dataframe for records of "Malaysia"

#Clean Column Date
if(Date has null/invalid value):
    if(total cases hs null/invalid value):
        delete the record
    else:
        Arrange data in ascending order of 'total_cases'
        derive and replace the missing date from the sequence.

#Clean new_cases
if(column new_cases has null/invalid value):
    if(total_cases has null/invalid value):
        delete the record
    else:
        Arrange data in ascending order of 'total_cases'
        derive and replace the missing new_cases by a difference of current
and previous row of column total_cases.

#Clean new_tests
if(column new_tests has null/invalid value):
    if(total_tests has null/invalid value):
        delete the record
    else:
        Arrange data in ascending order of 'total_tests'
        derive and replace the missing new_cases by a difference of current
and previous row of column total_tests.
```