

Corona data filtering and searching application

Brief description

You are given a `country_wise_latest.csv` that contains some useful information about several covid statistics in different regions. You will have to develop an application that will help user to find information about corona statistics (cases, death) in different countries. Moreover, user should be able to add some countries in watchlist (favourites, same as stocks in Apple Stocks application or playlist in Yandex Music) and remove countries from watchlist using bin button.

The dataset

Using this [link](https://www.kaggle.com/datasets/jillanisofttech/covid-19-dataset) you can find your dataset (`country_wise_latest.csv`)

<https://www.kaggle.com/datasets/jillanisofttech/covid-19-dataset>

NB! You should use only `country_wise_latest.csv` from this dataset!!!

The app must:

1. Show the list of regions and number of cases in this region (this number should be calculated dynamically NOT A CONSTANT)
2. Should Show the top 10 of countries for concrete region sorted by some parameter (num of cases(column "Confirmed"), num of death(column "Death"), num of Active cases(column "Active"), Recovered, Death / 100 cases, Recovered / 100 cases)
In this task when you click on some region in list from the task one in the second table should be shown this top for this region.
3. Your app should have a search option to find countries.
4. Your application should have an option, when you click on the country name in the table with countries or in the search menu, it should open a new window in which it will display information on all columns from the Database.
5. Your app should have option to add country in watchlist (favourites)
6. Your app should have option to open a new window with list of favourite countries from **task 6**
7. Your app should have bin button to remove countries from watchlist

User interface:

[illegible]

Country

add to wachlist

| | |
|-----------|----|
| Confirmed | 42 |
| Death | 42 |
| Recovered | 42 |
| | |
| | |
| | |
| | |
| | |

Watchlist

Russia



USA

Afganistan

Uml diagram next page

The UML diagram:

