Amazon Prime TV Shows and Movies

Dataset(but you will use only one called "titles.csv"): Amazon Prime TV Shows and Movies | Kaggle

- **The aim of the project:**
  You want to create an application to get necessary information about to define what shows/films you are likely to watch in accordance to specified filters(you can determine various types of them each time) and get some information about a show/movie.

- **Description of the dataset:**
  !!Crucial notion!!:
  - in the file "titles.csv" you must use first 2000 rows(because it is very big)

  You can find it by the link above.There are two of them, but **you need to use only the file called "titles.csv" and not all columns there**. Only the following ones:

  In "titles.csv":
  1) "title"
  2) "description"
  3) "show type"
  4) "runtime"
  5) "release year"
  6) "genres"
  7) "IMDB Score"
  8) "IMDB Votes"
  9) "TMBD Popularity"
  10) "TMDB Score"

- **Implemented features**:
  1) You must have a button called "Sorting" after pushing which you have two options(they are reprsented as buttons too) how to make a sort: by "IMDB Score" in a descending order or by "TMBD Popularity" in an ascending order. At equality of values in both cases make a sort by release year in an ascending order. If these numbers are same sort by a title(by alphabetical order)
     Print a table with two columns: title and (IMDB Score or TMBD Popularity)

  2) Create a button called "Description" where you enter a title and get a descirption(the column "description") and a show type(the column "show time")

  3) Create a program which filters data in accordance to 5 criteria(filters) that are "show type", "release year", "genres", "IMDB Score", "TMBD Popularity". In each cell you need to enter appropriate data. You must create a button called "Filtering". Output data should contain a title and columns "release year" and "IMDB Score".
     Sorting rules(look below):
     - show type: you are interested only in shows or movies(one of these options)
     - release data: you are interested only in shows or a movies released not earlier than a given data(year)

- genres: outputed films/shows mush contain all genres listed by a user(a show/film can also have other kinds of genre)
- IMDB Score: you need films/shows rated by a given score or higher
- TMBD Popularity: the same meaning as in the previous row

Additional(optional) task here:

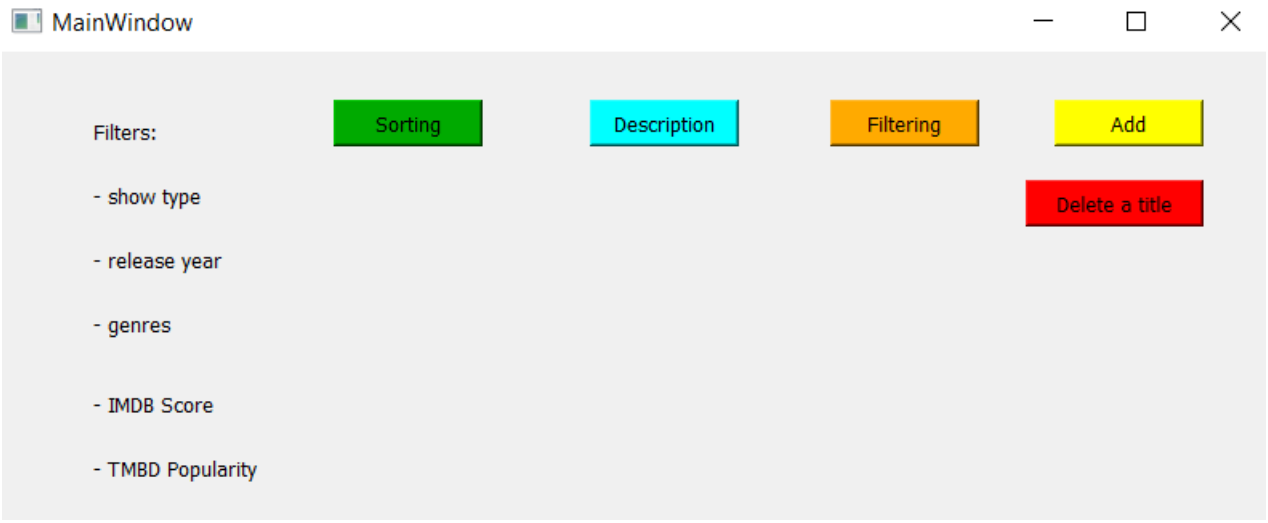
Make so a user could enter a various number of filters(for example, only criteria for “release year” and “genres” are entered or only for “IMDB Score”) and get appropraiate output.

4) The dataset is always updated with new titles, so you must provide a convenient User Interface(UI) to add new data: you must create a button called “Add” by pushing which a special window appears whre you can enter all necessary data.

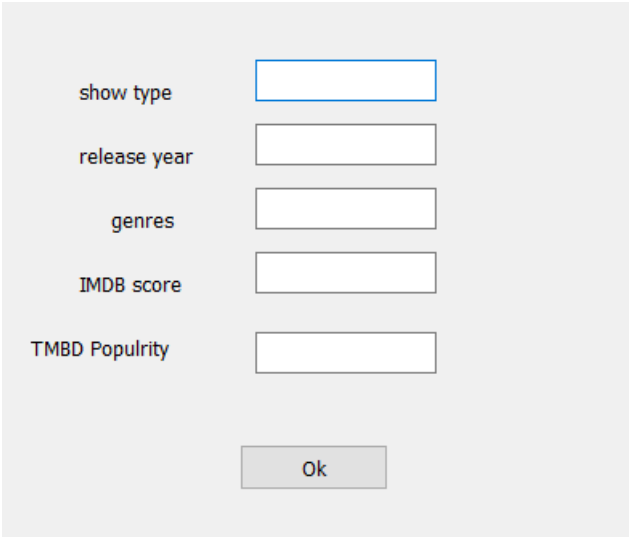
Additional task:

5) Create a button “Delete a title” which removes a particular title, which you willtype(with the whole row), from the dataset(after pushing this button there must appear a special place to enter your title)

Main Window(you need to organise your attrubutes in the MainWindow something like this; not mandatory this way, but you must have exactly these attributes; you can change colors of buttons)



Window of filters for the 3rd task(after pushing the button “Filtering”)



Window of adding new data in the 4th task(after pushing the button “Add”)