CODECOOL MUSIC LIBRARY ver. 0.7

Mentors want to play some music during breaks. They need your help to manage their music library.

Structure

CODECOOL MUSIC LIBRARY structure should consists of these modules:

- **file_handler.py** responsible for importing and exporting data from/to file

- **music_reports.py** - responsible for generating reports from given data

- **inputs.py** - responsible for handling user interactions

- **main.py** – responsible for managing whole program

- **display.py –** responsible for printing data on screen

Data

Program have to import .txt file with values separated by commas. Each line of file represents album data in given order:

```
artist name,album name,release year,genre,length
```

Data exported to file should have the same format.

Program features

- As a user I want to view all imported albums

- As a user I want to find all albums by genre

- As a user I want to find all albums from given time range

- As a user I want to find shortest/longest album

- As a user I want to find all albums created by given artist

- As a user I want to find album by album name

- As a user I want to receive full report with all data given above

Additional features

- As a user I want to view all similar music genres albums when searching for particular album (Like in spotify, where user receives context suggestions regarding similar bands or tracks)

- As a user I want to add new album

- As a user I want to edit already existing albums

- As a user I want to save all new albums to external file

What to do:

- Plan your work - divide task amongs team members. Create documents with specific, assigned tasks.
- Implement all basic features
- Program should be fool-proof

Resources:

LINK_TO_DATAFILE