

## Final Project Instructions

- **GitHub link:** [https://github.com/ErinLR/IS452B\\_FinalProject](https://github.com/ErinLR/IS452B_FinalProject)  
*(The code & input csv file & output files can be found through the above link)*
- Import csv & operator modules if necessary (The csv module helps to read csv files while the latter one aims to sort the csv file by specific columns)
- The entire codes can be categorized into five main parts:
  - 1) Part.one → get the lists of movies released in each year based on the previous list of release years
  - 2) Part. two → get the lists of movies with ratings  $\leq 6.5$ , 6.5-7, 7-7.5, 7.5-8, 8-8.5,  $>8$
  - 3) Part. three → get the lists of movies directed by my favorite directors
  - 4) Part. four → get the lists of movies categorized by different genres
  - 5) Part. five → get the lists of top50 movies of some of my favorite genres

All the five parts involve some similar codes:

- 1) A function to generate the movie title into a list on the specific criteria and save them into a text file;
- 2) A function to get a list of the criteria (e.g. the release years in the data; the genres shown in the data); or the list entered manually
- 3) Using the above functions to obtain the output files