MOVIE RECOMMENDATION SYSTEM
TEAM 4
Software Engineering Project 2
Download all the files in code folder from github.

Your machine should have the following installed :

Language	Python
Web Framework	Flask
Library	Pandas
Library	Numpy

Function Descriptions:

item_based.py:
- recommend: Function to find the correlation and recommend movies accordingly.
- get_rec_item: Driver function implementing genre and rating based filtering.

user_based.py:
- recommend: Function to find the correlation and recommend movies accordingly.
- get_rec_user: Driver function implementing genre and rating based filtering.

ensemble.py:
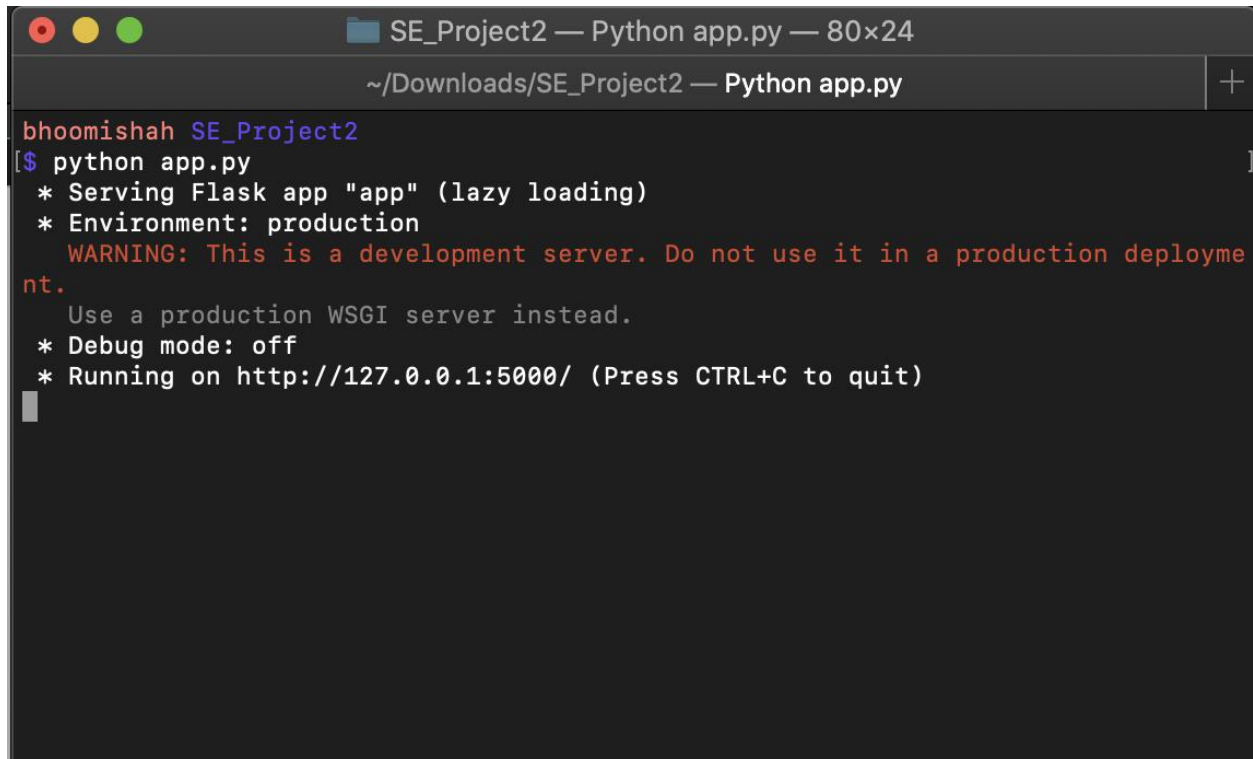- ensemble: Function to get item and user based recommendation and combine them.

app.py:
- recommend_movie: Driver function to call the respective module based on user input.
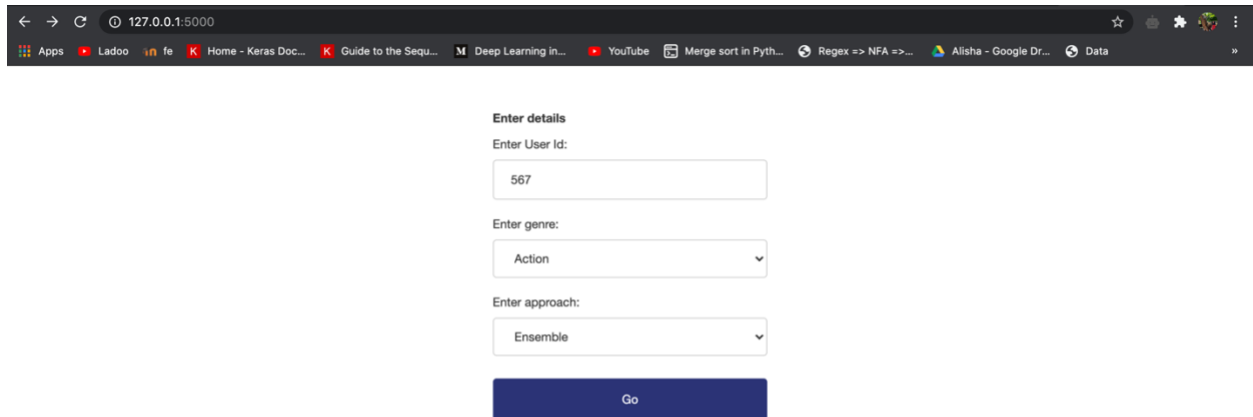
Execution Instruction:

Step 1:

Run the file using the command "python app.py"

Step 2:

Copy the address on your browser and input the fields based on the recommendation you wish to see:

Enjoy your recommendations:

Recommended Movies
13 Assassins (Jûsan-nin no shikaku) (2010)
Bloodsport (1988)
Under Siege 2: Dark Territory (1995)
Steel (1997)
Sudden Death (1995)
Red Heat (1988)