Strings, lists, dicts and loops:

Create the following program: Movie compare and recommend app.

The goal of the program is to allow users to enter a movie they have seen recently compare with the computers watched movies and ratings..

The program starts by

Asking the user to enter their name.
After accepting name, program will **print:**
"Enter a name of a movie you've recently watched,“cu” to change user or “q” to quit: "

If the user choses q the program will quit,

if the user will chose to cu then the program will **print**:
"Please enter your name: "

After the name is entered the program will **print**:
"Enter a name of a movie you've recently watched,“cu” to change user or “q” to quit: "

If the movie is in the watched_movies dict, then the program will **print**:
"I've watched that movie as well i rate it {rating of the movie in watched_movies dict}
The computer will print:

"what's your rating between 1 and 10? "

If the difference between the user_rating and the movies_watched rating is less or equal to 2 the program will **print**
"wow we have similar taste:"

If the difference is larger it will **print**:
"Well i guess we will agree to disagree :)"

If the movie is NOT in the watched_movies list, then the program will **print**:
"I haven't watched that one yet, how would you rate it on a scale from 1 to 10? "

If the rating is 7 or higher than
the movie will be saved in a dictionary with the user_name as key and as its value another dictionary containing the user’s added recommendations and their respective rating.
Example dictionary for a user with 2 added films: {“user_name”: {“Hangover”: 8},{“titanic”: 9},}
then the program will **print**:
“The movie {movie_name} was added to movies_to_watch list”

If the rating is less than 7 then the program will **print**:
“Well my minimum is 7 so guess we wont be watching this one soon :)”

If at any point when prompted, the user choosesto quit = “q” than the program will stop

And the the following report options will be printed:
If there was only one user and no movies added to recco list,
the program will **print**,
“Well we had one user today going by the name [user_name] and nothing was added to movies_to_watch”

If there was only one user and there are added movies than the program will **print**:
“Well we had one user today going by the name [user_name] and these were added to movies_to_watch {movies_to_watch dict}”

If there was more than one user and no added movies the program will **print**
“Well we had {number of users} users today going by the names: {names of the users} and nothing was added to movies_to_watch"

If there was more than one user and no added movies the program will **print**
“Well we had {number of users} users today going by the names: {names of the users} and these were added to movies_to_watch {movies_to_watch dict}"

Rules:

- You should allow floating point for rating
- Only values that will be tested on the selection inut will be: q, Q, cu, CU,Cu cU and movie names.
- The only values that will be checked wil user_name will be letters.
- Name match has to be exact but the user can enter the name in any case they want.

tips:
use dictionaries, lists and only methods we learned appending, len etc..
Dict for use:

Watched_movies = {"matrix": 9.0, "Thor love and thunder": 8.3, "green book": 8.3, "her": 8.1, "the evil dead": 7.8, "forrest gump": 9.2, "life aquatic": 9.5, "life of bryan": 7.9, "first blood": 8.9}

Example of i/o will be presented in class.

{'elik': [{'ram': 10.0}, {'titanic': 9.0}], 'luka': [{'deadpool': 9.0}, {'end game': 8.0}]}