

Comments:

REMINDER: If your `project5.py` does not run on the Olin 326 machine on IDLE, the grader will not grade your work. You can use a token to resubmit your project one week after the projects are graded. Otherwise, you will earn one point for each of the following.

Miscellaneous items

1. M ____ At the top of the file, you include your name, project description, and credit.
 - **Write down the names of the people that you discussed this project with. Even if you helped a classmate during your discussions (as opposed to receiving help), you must write down their name/s.** This is very important.
 - Also write down the textbook/other Python resources which you used (for example, the Python doc or <http://stackoverflow.com>). *Half a point* is possible for partial completion.
2. M ____ In writing each of your functions, **you took advantage of the dictionary structure** (as opposed to other structures such as list). As a result, your functions are simple and easy to read. For example, you should not use any `for` loop (with the exception of the functions `makeDictionary` and `showCast`). In addition, you use descriptive names for parameters and variables used in your functions. *Half a point* is possible for partial completion.

Comment:

Task 1: `makeDictionary`

3. M ____ You wrote a correct contract and docstring for the function `makeDictionary`. Your function's name is called exactly `makeDictionary`. *Half a point* is possible for partial completion.

Comment:

4. ____ Your `makeDictionary` **returns** the correct *dictionary* object for all sample inputs. Your `makeDictionary` does not change your list inputs. It's OK if you misspell your function. **No partial credit.**

Comment:

Task 2: `myIMDb`

5. ____ Your *global* variable is called exactly `myIMDb` (pay attention to the upper and lower cases). **No partial credit.**

Comment:

6. M ____ You initialized the *global* variable `myIMDb` to an empty *dictionary*. It's OK if you misspell `myIMDb`. **No partial credit.**

Task 3: `addMovie`

7. M ____ Your function's name is called exactly `addMovie`. You wrote a correct contract and docstring for the function `addMovie`. *Half a point* is possible for partial completion.

Comment:

8. M ____ The function `addMovie` calls the function `makeDictionary`. **No partial credit.**

Comment:

9. M ____ You use the function `addMovie` correctly 3 times. *Half a point* is possible for partial completion.

Comment:

10. ____ *Half a point* is possible for partial completion.
- The function `addMovie` does *not* change `myIMDb` if the first string input is already an existing key.
 - The function `addMovie` prints out the correct error message if the first string input already exists.
11. ____ The function `addMovie` correctly adds a *new* movie entry to the global variable `myIMDb`. It always return nothing. It does not change the input lists. It's OK if existing movies are not handled correctly. **No partial credit.**

Comment:

Task 4: `listMovies`

12. _M ____ You wrote a correct contract and docstring for the function `listMovies`. Your function's name is called exactly `listMovies`. *Half a point* is possible for partial completion.

Comment:

13. ____ The function `listMovies` returns a list (possibly an empty list) of titles of all the movies in the global variable `myIMDb`. **No partial credit.**

Comment:

Task 5: `findActor`

14. _M ____ You wrote a correct contract and docstring for the function `findActor`. Your function's name is called exactly `findActor`. *Half a point* is possible for partial completion.

Comment:

15. ____ The function `findActor` prints out the specified error message if the movie is not found. The function `findActor` prints out the specified error message if the character is not found. The function `findActor` **returns** an empty string correctly in these situations. *Half a point* is possible for partial completion.

Comment:

16. ____ When the given role exists in a existing movie which exists in `myIMDb`, the function `findActor` looks up the correct actor/actress for the given role in the given movie. **No partial credit.**

Comment:

Task 6: `showCast`

17. _M ____ You wrote a correct contract and docstring for the function `showCast`. Your function's name is called exactly `showCast`. *Half a point* is possible for partial completion.

Comment:

18. ____ The function `showCast` prints out the specified error message when the movie is not found. *Half a point* is possible for partial completion.

19. ____ The function `showCast` formats the table in accordance to the project instruction. The function `showCast` prints the header of the table, as specified. *Half a point* is possible for partial completion.

Comment:

20. ____ *Half a point* is possible for partial completion.
- The function `showCast` lists all the roles and actors/actresses from the given movie.
 - The function `showCast` lists all the roles and actors/actresses in alphabetical order (ordered by the roles).

_____ Total points