

CS 101 Homework

Lists

Question 1

Create a Python list with your top 3 favorite movies.

Create a separate Python list with your rating (a number between 0 and 100) for each of the three movies.

Question 2

Append one more movie to the list created in Question 1. Append the corresponding rating to the ratings list created in Question 1.

Question 3

Print your all your movies and ratings in the following format:

Movie: Interstellar. Rating: 85.

Question 4

Calculate the average rating for all your movies and print it.

Question 5

Write a code that would find a movie with the lowest rating. Then delete this movie and its rating from your lists. Print your updated list.

Question 6

Write a code that would merge your two lists (titles and ratings) into a single list. It should have the following format:

```
[ [movie title, rating], [movie title, rating], [movie title, rating] ]
```

Do NOT manually type your entries to create this list. Instead, create a new empty list and add information to it using your list of movie titles and list of movie ratings.

Question 7

Using the newly created list, identify a movie with the lowest rating and delete it from the nested list.