# 3. Movie Organizer

*Mary has a large collection of films, from old black-and-white classics to the newest blockbusters. But her collection is an unorganized jumble. She spends hours searching for a particular movie, only to find it in the most unexpected place. Mary needs your help to organize her movies.*

Write a function called "**movie\_organizer**" that **groups movies by genre**. The function will receive a **different number of arguments**, passed as **tuples containing two elements**: the **first** one is the **movie's name**, and the **second** is the **genre** for example ("**Movie Name**", "**Genre**").

The function should **sort the movies by their genre**. Arrange Mary's collection **by the number of movies** in eachgenrein **descending order**. If two or more genres have the **same number of movies**, return them in **ascending order** (alphabetically) **by genre.**

Each **genre group** should be **sorted** in **ascending order** (alphabetically) **by the movie's name**.

To help Mary keep track of her movies, add next to each genre the **number of movies in the group**.

**In the end, return** the output as described below.

***Note: Submit only the function in the judge system***

### Input

* There will be **no input from the console**, just parameters passed to your function

### Output

* The **output** should look like this**:**

**"{genre\_1} - {number\_of\_movies\_in\_the\_genre\_group}**

**\* {movie\_name\_1}**

**\* {movie\_name\_2}**

**\* {movie\_name\_3}**

**…**

**\* {movie\_name\_n}**

**{genre\_2} - {number\_of\_movies\_in\_the\_genre\_group}**

**\* {movie\_name\_1}**

**\* {movie\_name\_2}**

**…**

**\* {movie\_name\_n}**

**{genre\_n} - {number\_of\_movies\_in\_the\_genre\_group}**

**\* {movie\_name\_1}**

**…**

**\* {movie\_name\_n}"**

### Constraints

* Each **tuple** given will always contain a **movie** with its **genre.**
* You will **never** receive the **same movie** twice or more times.

### Examples

|  |  |
| --- | --- |
| **Test Code** | **Output** |
| print(movie\_organizer(  ("The Matrix", "Sci-fi"))) | Sci-fi - 1  \* The Matrix |
| print(movie\_organizer(  ("The Godfather", "Drama"),  ("The Hangover", "Comedy"),  ("The Shawshank Redemption", "Drama"),  ("The Pursuit of Happiness", "Drama"),  ("The Hangover Part II", "Comedy"))) | Drama - 3  \* The Godfather  \* The Pursuit of Happiness  \* The Shawshank Redemption  Comedy - 2  \* The Hangover  \* The Hangover Part II |
| print(movie\_organizer(  ("Avatar: The Way of Water", "Action"),  ("House Of Gucci", "Drama"),  ("Top Gun", "Action"),  ("Ted", "Comedy"),  ("Duck Soup", "Comedy"),  ("The Dark Knight", "Action"),  ("A Star Is Born", "Musicals"),  ("The Warrior", "Action"),  ("Like A Boss", "Comedy"),  ("The Green Mile", "Drama"),  ("21 Jump Street", "Comedy"))) | Action - 4  \* Avatar: The Way of Water  \* The Dark Knight  \* The Warrior  \* Top Gun  Comedy - 4  \* 21 Jump Street  \* Duck Soup  \* Like A Boss  \* Ted  Drama - 2  \* House Of Gucci  \* The Green Mile  Musicals - 1  \* A Star Is Born |