

Movie Rating System

String methods

Methods used: `String.length`, `String.toUpperCase`,
`String.includes`, `String.slice`, `String.indexOf`,
`String.substring`, `parseInt`.

1. **Movie Title Capitalization:** Given a movie title string in all lowercase, demonstrate how to capitalize the first letter of each word in the title using string methods and a for loop.

- Example:
 - Input: "the dark knight"
 - Task: Capitalize each word.
 - Expected Output: "The Dark Knight"

2. **Search Bar:** Given an array of movie titles and a string search query, demonstrate how to filter the array to only include titles that contain the query string using string methods and a for loop.

- Example:
 - Input:
`["The Dark Knight", "Inception", "Interstellar"]`
and query "In"
 - Task: Filter titles containing "In" .
 - Expected Output: `["Inception", "Interstellar"]`

3. **Director's Name Format:** Demonstrate how to convert a director's name from the format "last, first" to "first last" using string methods.

- Example:
 - Input: "Nolan, Christopher"
 - Task: Swap first and last names.
 - Expected Output: "Christopher Nolan"

4. **Movie Length:** Given a string like "2h 30min", demonstrate how to extract the number of hours and minutes as integers using string

methods.

- Example:

- Input: "2h 30min"
- Task: Extract hours and minutes.
- Expected Output: 2 hours and 30 minutes

5. **Movie Initials:** Given a movie title, demonstrate how to return the initials of the title using a for loop.

- Example:

- Input: "The Dark Knight"
- Task: Get initials of the title.
- Expected Output: "TDK"

6. **Format Movie Information String:** Given a single string containing movie details such as the title, director, and genre separated by a specific delimiter (e.g., "|"), demonstrate how to format this information into a descriptive sentence using only string methods and a template literal.

- Example:

- Input: "Inception|Christopher Nolan|Sci-Fi"
- Task: Use string methods to extract and format these details into a single descriptive sentence.
- Expected Output:
"Inception, directed by Christopher Nolan, genre: Sci-Fi"

7. **Movie Slug:** Demonstrate how to convert a movie title into a URL-friendly slug using string methods.

- Example:

- Input: "The Dark Knight"
- Task: Create a slug from the title.
- Expected Output: "the-dark-knight"

8. **Synopsis Trimming:** Demonstrate how to trim the movie's synopsis to a specified length **without cutting off words** using string methods.

- Example:

- Input:
"A thief who steals corporate secrets...CEO. But his tragic past may doom the project and his team to disaster."
, 100
- Task: Trim synopsis to 100 characters without cutting off words.
- Expected Output:
"A thief who steals corporate secrets through the use of dream-sharing technology is given the inverse task of..."

9. **Genre List:** Demonstrate how to convert a string of genres separated by commas into an array of individual genres using string methods.

- Example:
 - Input: "Action,Adventure,Sci-Fi"
 - Task: Split genres into an array.
 - Expected Output: ["Action", "Adventure", "Sci-Fi"]