Movie Rating System

Callback functions

Exercise 1: Uppercase Movie Genre

- **Task:** Write a function that accepts a movie object and a callback function. The callback function should change the genre of the movie to uppercase. If there isn't a genre, it should log a specific error message. If there is a genre, it should print the object with Uppercase Movie Genre.
- **Inputs:** A movie object and a callback function.
- **Example:**
  - Input:
    - Movie: `{ title: "Movie 1", genre: "action" }`
    - Callback: `uppercaseMovieGenre(genre)`
  - Output: `{ title: "Movie 1", genre: "ACTION" }`

Exercise 2: Check if Rating is Number

- **Task:** Write a function that accepts a movie object and a callback function. The callback function should check if the rating of the movie is a number. If it is, it should print a string with the name of the movie and the rating.
- **Inputs:** A movie object and a callback function.
- **Example:**
  - Input:
    - Movie: `{ title: "Movie 1", rating: 8 }`
    - Callback: `checkRatingIsNumber(rating)`
  - Output: `'Movie 1 has a numerical rating of 8'`

Exercise 3: Add Exclamation to Movie Title

- **Task:** Write a function that accepts a movie object and a callback function. The callback function should add an exclamation mark at the end of the movie title and then print the result.
- **Inputs:** A movie object and a callback function.
- **Example:**
  - Input:

- Movie: `{ title: "Movie 1", rating: 8 }`
    - Callback: `addExclamationToTitle(title)`
  - Output: `{ title: "Movie 1!", rating: 8 }`

Exercise 4: Reverse Words in Movie Description

- **Task:** Write a function that accepts a movie object and a callback function. The callback function should reverse the order of words in the movie's description. Then print the modified object.
- **Inputs:** A movie object and a callback function.
- **Example:**
  - Input:
    - Movie:

      `{ title: "Movie 1", description: "An exciting action thriller" }`
    - Callback: `reverseWordsInDescription(description)`
  - Output:

    `{ title: "Movie 1", description: "thriller action exciting An" }`