

# Control Structures

## Switch Cases

### 1. Movie Screening Days:

- Given a variable `dayOfWeek` (type: number), write a switch case that logs a special movie or event playing at your cinema based on the day of the week (1 for Sunday through 7 for Saturday).

### 2. Movie Theme Color Setting:

- Write a switch case for a variable `themeColor` (type: string) to set the theme color of your movie streaming platform's user interface. Include cases for `'light'`, `'dark'`, `'night'`, and a default case indicating an unsupported color theme.

### 3. Notification Status for Movie Releases:

- Handle multiple cases ( `'new'`, `'unread'`, `'unopened'` ) in a switch case for a variable `notificationStatus` (type: string) that logs "You have new movie notifications!" for these cases. Include a default case for `'read'` notifications.

### 4. Movie Rating Classification:

- Write a switch case for a variable `movieRating` (type: string) with cases for ratings `'G'`, `'PG'`, `'PG-13'`, `'R'`, and `'NC-17'`. Log a brief description of each rating category, and use `break` properly.

### 5. Audience Score Ranges:

- Create a switch case for a variable `audienceScore` (type: number) that logs different messages based on the score ranges:
  - If `audienceScore` is 90 or above, log "Must Watch!".
  - If `audienceScore` is between 75 and 89 (inclusive), log "Recommended".

- If `audienceScore` is between 60 and 74 (inclusive), log "Mixed Reviews".
- If `audienceScore` is below 60, log "Skip It".

## **6. User Input Handling:**

- Write a switch case that checks the type of a variable `userInput` (type: any) and logs different messages based on whether the input is a `'string'`, `'number'`, or `'boolean'`.

## **7. Movie Release Quarter:**

- Write a switch case for a variable `releaseMonth` (type: number, 1-12) that logs the quarter of the year in which the movie is released ( `'Q1'`, `'Q2'`, `'Q3'`, `'Q4'` ).