

# SkyIT Frontend Challenge

**Goal:** Replicate the frontend app (as close as possible)

**Framework required:** Angular

**Demo link:** <https://youtu.be/SknxtM76hzi>

**Time limit:** 24 hours

This challenge is to create a FE application as close as the application below. You are required to use Angular to do this challenge.

## **Additional Info:**

Color used in the App:

#E6E6E9

#636366

#88a2aa

#C8E6C9

#FFCDD2

#FEEDAF

Font (google font) used in the App:

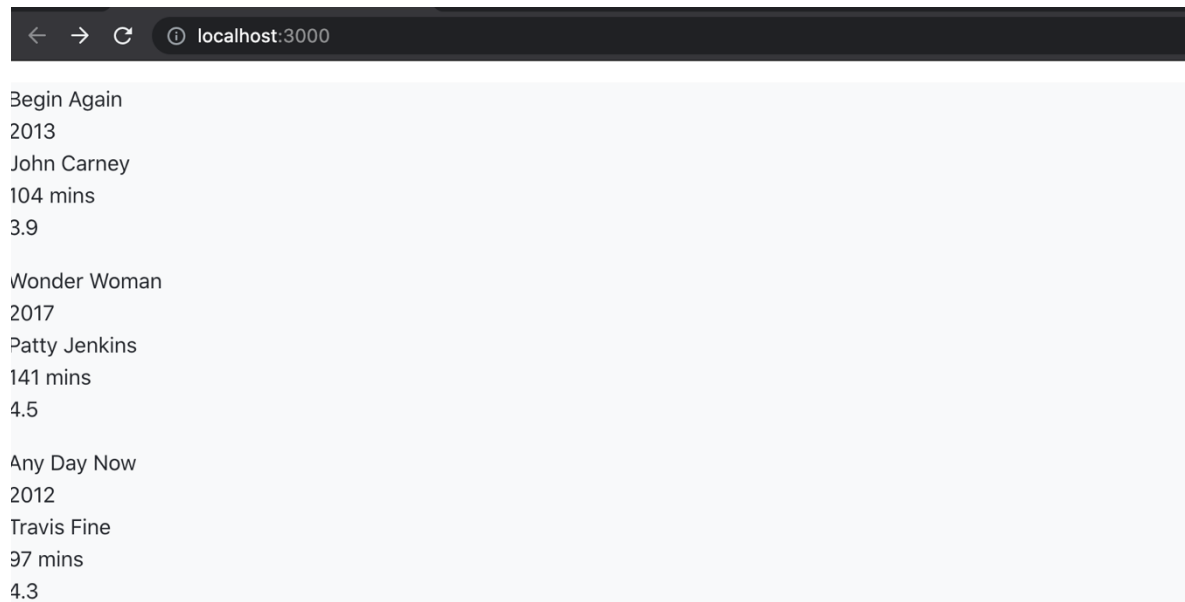
1. 'Libre Baskerville', serif
2. 'Lora', serif

## Step 1 – Get data

Get movie data from API and print the data onto the screen

Method: GET

url: <https://skyit-coding-challenge.herokuapp.com/movies>



## Step 2 – Simple Table

Use Table component and put the data into the table

A screenshot of a web browser window displaying a table of movie data. The browser's address bar shows 'localhost:3000'. The table has the following columns: Title, Year, Running Time, Director, Certification, and Rating. The data is as follows:

Title	Year	Running Time	Director	Certification	Rating
<input type="radio"/> Begin Again	2013	104 mins	John Carney	General	78.00
<input type="radio"/> Wonder Woman	2017	141 mins	Patty Jenkins	CA-PG	90.00
<input type="radio"/> Any Day Now	2012	97 mins	Travis Fine	14 Accompaniment	86.00
<input type="radio"/> Frozen	2013	102 mins	Travis Fine	General	80.00
<input type="radio"/> Moxie	2021	111 mins	Amy Poehler	General	70.00
<input type="radio"/> Suicide Squad	2016	123 mins	David Ayer	CA-PG	64.00
<input type="radio"/> Justice League	2017	120 mins	Zack Snyder	CA-PG	72.00
<input checked="" type="radio"/> Inside Out	2015	95 mins	Pete Docter	General	92.00
<input type="radio"/> Black Panther	2018	134 mins	Ryan Coogler	CA-PG	82.00
<input type="radio"/> Lucy	2014	90 mins	Luc Besson	14 Accompaniment	74.00

At the bottom of the table, there is a pagination control showing '<< < 1 > >>'.

# Favorite Movie List

Title	Year	Running Time	Director	Certification	Rating
<input type="radio"/> Begin Again	2013	104 mins	John Carney	General	78.00
<input type="radio"/> Wonder Woman	2017	141 mins	Patty Jenkins	CA-PG	90.00
<input type="radio"/> Any Day Now	2012	97 mins	Travis Fine	14 Accompaniment	86.00
<input checked="" type="radio"/> Frozen	2013	102 mins	Travis Fine	General	80.00
<input type="radio"/> Moxie	2021	111 mins	Amy Poehler	General	70.00
<input type="radio"/> Suicide Squad	2016	123 mins	David Ayer	CA-PG	64.00
<input type="radio"/> Justice League	2017	120 mins	Zack Snyder	CA-PG	72.00
<input type="radio"/> Inside Out	2015	95 mins	Pete Docter	General	92.00
<input type="radio"/> Black Panther	2018	134 mins	Ryan Coogler	CA-PG	82.00
<input type="radio"/> Lucy	2014	90 mins	Luc Besson	14 Accompaniment	74.00

<< < 1 > >>

### Step 3 – Table data

1. Notice that rating number in the table is in XX% / 100% (ex. 98%), however rating data coming from API is in this format, X.X / 5 (ex. 3.4/5). You are required to process the data into percentage before putting them into table
2. Certification data in the table should look as close as the demo picture below.

Favorite Movie List

Title	Year	Running Time	Director	Certification	Rating
<input type="text" value="Search by title"/>	<input type="text" value="Search by year"/>	<input type="text" value="Search by time"/>	<input type="text" value="All"/>	<input type="text" value="Select a Status"/>	<input type="text" value="Search by rating"/>
<input checked="" type="radio"/> Begin Again	2013	104 mins	John Carney	GENERAL	78.00%
<input type="radio"/> Wonder Woman	2017	141 mins	Patty Jenkins	CA-PG	90.00%
<input type="radio"/> Any Day Now	2012	97 mins	Travis Fine	14 ACCOMPANIMENT	86.00%
<input type="radio"/> Frozen	2013	102 mins	Travis Fine	GENERAL	80.00%
<input type="radio"/> Moxie	2021	111 mins	Amy Poehler	GENERAL	70.00%
<input type="radio"/> Suicide Squad	2016	123 mins	David Ayer	CA-PG	64.00%
<input type="radio"/> Justice League	2017	120 mins	Zack Snyder	CA-PG	72.00%
<input type="radio"/> Inside Out	2015	95 mins	Pete Docter	GENERAL	92.00%
<input type="radio"/> Black Panther	2018	134 mins	Ryan Coogler	CA-PG	82.00%
<input type="radio"/> Lucy	2014	90 mins	Luc Besson	14 ACCOMPANIMENT	74.00%

## Step 4 – Table filter

### 1. Filters for column Title, Year, Running Time and Rating: Plain text field

The screenshot shows a web browser window at localhost:3000 displaying a 'Favorite Movie List' application. The interface includes a header with the title 'Favorite Movie List' and a table with columns: Title, Year, Running Time, Director, Certification, and Rating. Above the table, there are input fields for filtering: 'b' in the Title field, '2' in the Year field, '1' in the Running Time field, a dropdown menu for Director set to 'All', a dropdown menu for Certification set to 'Select a Status', and a text field for Rating set to '7'. Below the table, there is a pagination control showing '1' of 1 pages. The table contains one row of data: 'Begin Again' (2013, 104 mins, John Carney, GENERAL, 78.00%).

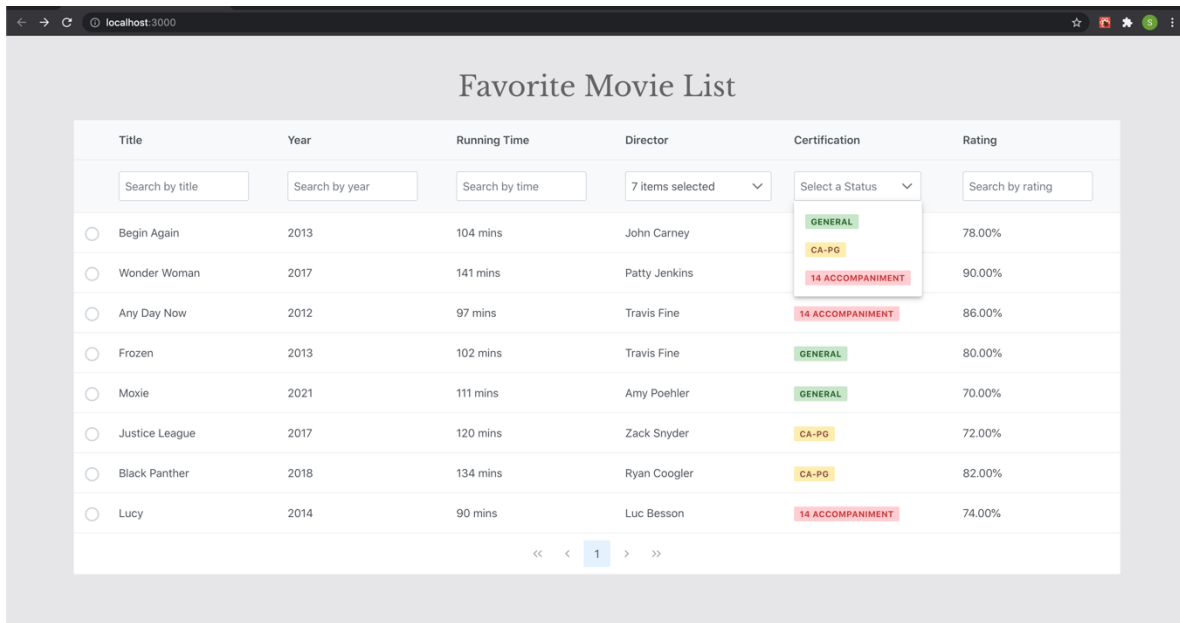
Title	Year	Running Time	Director	Certification	Rating
Begin Again	2013	104 mins	John Carney	GENERAL	78.00%

### 2. Filter for Director: Multi-selection

The screenshot shows the same 'Favorite Movie List' application, but with a multi-selection dropdown for the Director filter. The dropdown is open, showing a list of directors: John Carney, Patty Jenkins, Travis Fine, Amy Poehler, and David Ayer. The first four are selected. The table now contains eight rows of data. The pagination control shows '1' of 1 pages.

Title	Year	Running Time	Director	Certification	Rating
Begin Again	2013	104 mins	John Carney	GENERAL	78.00%
Wonder Woman	2017	141 mins	Patty Jenkins	CA-PG	90.00%
Any Day Now	2012	97 mins	Travis Fine	14 ACCOMPANIMENT	86.00%
Frozen	2013	102 mins	Amy Poehler	GENERAL	80.00%
Moxie	2021	111 mins	Amy Poehler	GENERAL	70.00%
Justice League	2017	120 mins	Zack Snyder	CA-PG	72.00%
Black Panther	2018	134 mins	Ryan Coogler	CA-PG	82.00%
Lucy	2014	90 mins	Luc Besson	14 ACCOMPANIMENT	74.00%

### 3. Filter for Certification: Dropdown



## Step 5 – Details view

Once you click on a row, details of the movie will show up on the right side of the screen. The details view should contain Title, Director, Cast Genre and Plot inside.

