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Data Retrieval using AngularJS
Decipher Coding Challenge

Challenge

Using the data returned from this API
http://www.omdbapi.com/?i=tt0092455&season=4&ref_=tt_eps_sn_4 please do the
following:

1. Display the list of episode titles and their imdbRating.

2. Provide a way for a user to sort by title or rating.

3. Provide a way for a user to choose a title by first letter.

Introduction

Technologies used: AngularJS, HTML

Main focus of the challenge was to retrieve data from the API. To do so, I implemented an
angular module (myApp) to link the angularJS functionality to the HTML web page and a
primary controller (myCtrl) to store and handle the data. To facilitate the communication
with the remote HTTP servers, I utilized a core Angular service called $http. I developed a
web page to host and display the data, and used AngularJS filters to engage in various
types of sort.

Features developed:

- Retrieved the Title of the season (Star Trek: The Next Generation- Season 4)
- By default, displayed all the episode Title and IMBD ratings in a season sorted by
  their Released date.
- Designed Radio buttons algorithm to switch between Title sort or IMDB rating
  sort.
- Designed a drop-down menu to pick the first letter of the title from the episode,
  and display those episodes only.

- Developed a "Show All" button that occurs only when the a title initial is picked, to display the default list again.

How to Download and run the program

Executing the code is fairly simple. Once you have downloaded the source code and unzipped the archive, run "index.html" with a web browser to see the results. This code was developed and tested with Google Chrome, but it should be compatible to Internet Explorer and Mozilla Firefox as well.