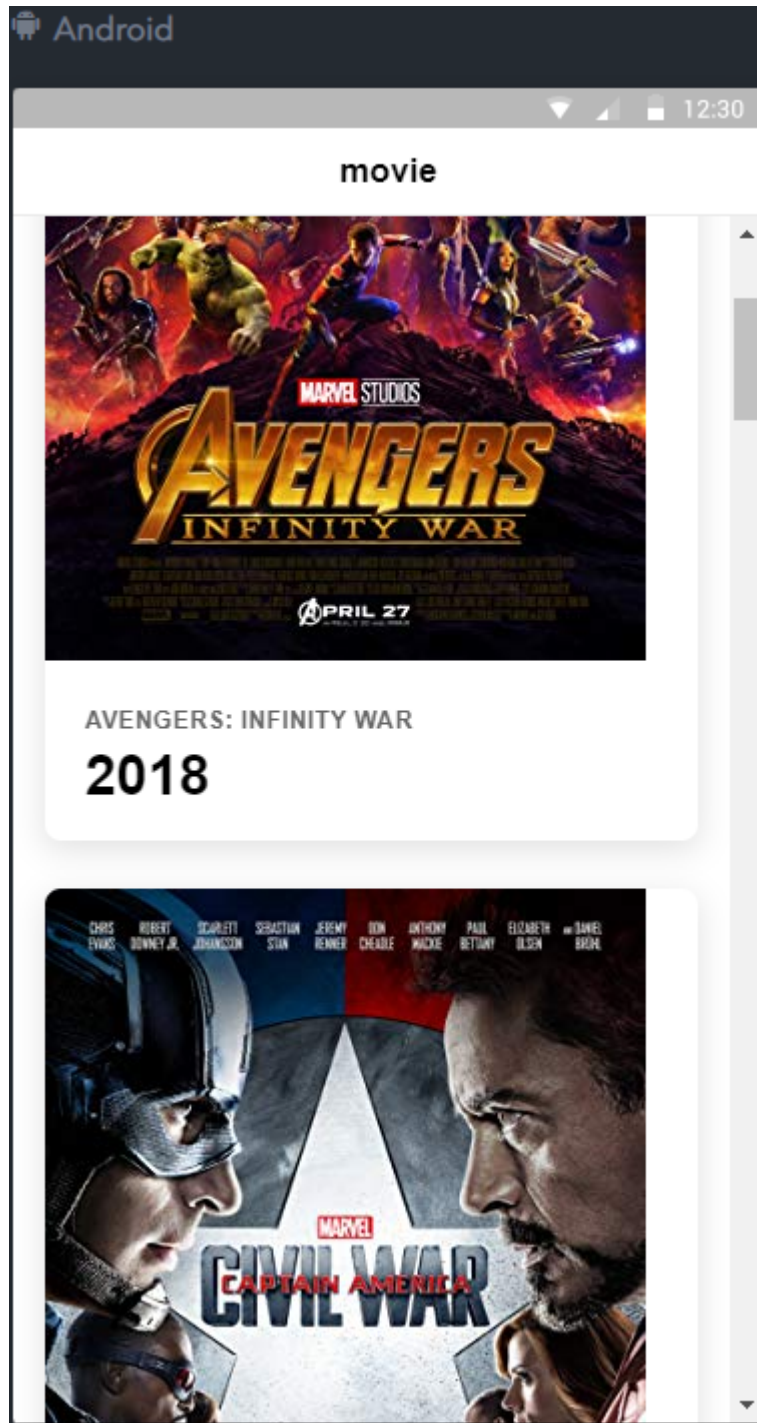
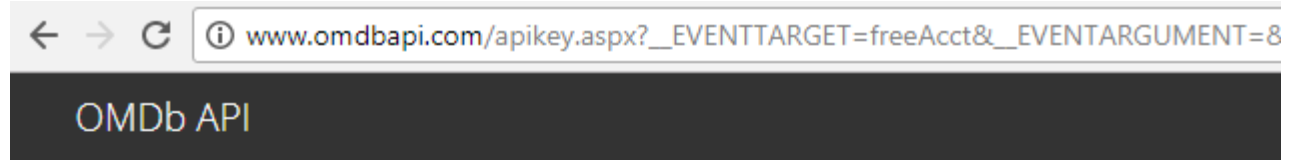


The following exercises are related to the use of Ionic Providers.

1. Create a git repository for your answers to this problem sheet. Push the repository to GitHub. Make a commit and push it to GitHub after each exercise.
2. (a) Write an Ionic application that displays a list of movies that have 'war' in their title. The should display the movie Title, Year and Poster in an ion-list as follows:



- (b) The list of movies will be from the following website: <http://www.omdbapi.com/>
- (c) To use this website you must first register at: <http://www.omdbapi.com/apikey.aspx>
- (d) Choose Account type FREE! (1,000 daily limit) Enter your email address as well as name. You can say in the Usebox that you will be using this for educational purposes.



API Key

Generate API Key

Account Type

☐ Patreon

☒ FREE! (1,000 daily limit)

Email

Name

First Name

- (e) An email will be sent to the address you specify containing your key e.g. 2ee2ed84
- (f) There are 2 ways we can use the OMDb API

By ID or Title

Parameter	Required	Valid Options	Default Value	Description
i	Optional*		<empty>	A valid
t	Optional*		<empty>	Movie
type	No	movie, series, episode	<empty>	Type o
y	No		<empty>	Year o
plot	No	short, full	short	Return
r	No	json, xml	json	The da
callback	No		<empty>	JSONP
v	No		1	API ve

*Please note while both "i" and "t" are optional at least one argument is required.

- (g) BySearch is the way we'll use it, and we'll only be interested in one parameter –s – which is the movie title to search for.
- (h) So, our given our API key we received (e.g. 2ee2ed84), to search for all movies with war in the title, we would need to do a HTTP.GET on <http://www.omdbapi.com/?apikey=2ee2ed84&s='war'> Which would return a JSON object.
- (i) NOTE: If more than 10 movies match our search query, there will be other pages, but we won't worry about this. We'll just make one request and process whatever is returned.