

VUE-JS – PRACTICE

WATCHERS & API

Exercise 1: Watchers

In this exercise, we want to create a **two way converter** between **meters** and **kilometers**.

Reminder: 1 km is 1000m

Kilometers : Meters :

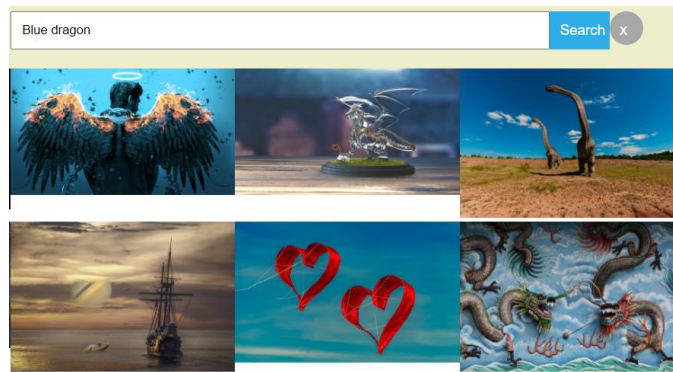
When the user types a value in meter, the kilometer value gets updated.

When the user types a value in kilometer the meter value gets updated.

Examples:

- Changing "kilometer" to 1, should also update "meter" to 1000.
 - Changing "meter" to 500, should also update "kilometer" to 0.5.
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- ✓ Using **v-model**, bind each input to a data.
 - ✓ Create one watch element for each variable, so that when one variable is updated, the other one is updated as the conversion.

Exercise 2: The Picture App



- ✓ When button **SEARCH** is clicked: use AXIOS to request pictures corresponding to the search key words.


How to use the [API pixabay](#) :

<https://pixabay.com/api/>

API PARAMETER	
Key	You can use the following key 14001068-da63091f2a2cb98e1d7cc1d82
q	The search key word (not more than 100 chars)
image type	photo

- ✓ Once the request returns a result, use it to display images in the view
- ✓ Add a button CLEAR, to **clear the input and the images displayed**
- ✓ Add **local Storage** feature :
 - When searching pictures, keep the search key words in localStorage.
 - Using the [mounted property](#), execute a method on launch to search pictures corresponding to the localStorage variable.

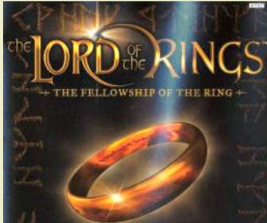
Exercise 3: movie App



The Lord of the Rings: The Fellowship of the Ring

Year: 2001

Type: movie



The Lord of the Rings: The Fellowship of the Ring

Year: 2002

Type: game

When button **SEARCH** is clicked: use AXIOS to request movies corresponding to the search key words.

<http://www.omdbapi.com/>

API PARAMETER	
apikey	You can use the following key fab8d88e
s	The search by movie title

Using only VueJS and using previous exercises, display the list of movies and their information (title, year, type and poster) as a list, when the user search for a name.