

assignment: two-way translation

deliverable: link to the finished assignment live on your github, emailed to me
due by: **9am on tuesday, March 28**

goal: update the ASL "translator" example we built in class last week to...

1. accommodate any number of letters typed in the text field by highlighting the images of every letter that's typed in the text field
2. setup interaction so that users can spell out words by clicking on images (and output the result)

how to get started:

1. Pull the latest changes to the [CI Lab repository](#) by either:
 - using terminal to `cd` into your local copy of the repository and then typing `git pull`
 - selecting the repository in github desktop and going to **Repository > Pull** or its keyboard shortcut, **cmd+shift+P**
2. look through lines 1-30 of `translator.js` and see if you can follow how we're generating the 26 div-image combinations dynamically
3. add "click" event listeners to each `.letter` div using `document.querySelectorAll`, storing the result in a variable, then calling `yourvariable.forEach(...)`

some hints:

- every event object has information about the HTML element that fired the event... and every image has an id that matches its letter...
- note that there's a div classed "output" in `index.html` with a `<p>` tag waiting for you...
- you can add and remove classes by doing `element.classList.add("classname");`
or
`element.classList.remove("classname");`
...this might be useful for, say, highlighting...
- don't forget that you can create selectors on-the-fly by adding strings together, like:
`var select_me = "." + 4 + "th-choice";`
`querySelector(select_me);` // selects anything with the "4th-choice" class