

Week 15 Lab (Extra Credit)

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Due Sunday by 11:59pm **Points** 0 **Submitting** a file upload **File Types** html
Available Nov 29 at 12am - Dec 5 at 11:59pm 7 days

Please put your JavaScript code in the HTML files (instead of using separate .js files) and upload the HTML files to Canvas.

1. (+30pt) Add JavaScript code to [Add.html](#) so that if a user enters two numbers and clicks the Add button, the page displays the sum of the two numbers.

HINTS:

- Use attribute selector to select the `<input>` elements.
- Use `.val()` to get the user input value.
- Use the JavaScript function `Number()` to convert the input value to a number. E.g. `Number("")` returns 0 and `Number("1")` returns 1.
- Use an id selector to select the `` element, and use `.html()` or `.text()` to set its content.

2. (+60pt) Add JavaScript code to [DollarConverter.html](#) so it converts an amount in dollar to another currency. In particular, the converted amount should be updated *as the user types the dollar amount*, and it should also be updated *whenever the user selects a different currency*.

HINTS:

- Add event handlers to the *keyup* event of the input field and the *change* event of the dropdown list.
- `.val()` can be used on a `<select>` element to get the value of the selected option.
- Use the bracket notation to get the conversion rate to a currency, e.g. `rates["EUR"]`