Sorting 50K Array with Bubble Sort
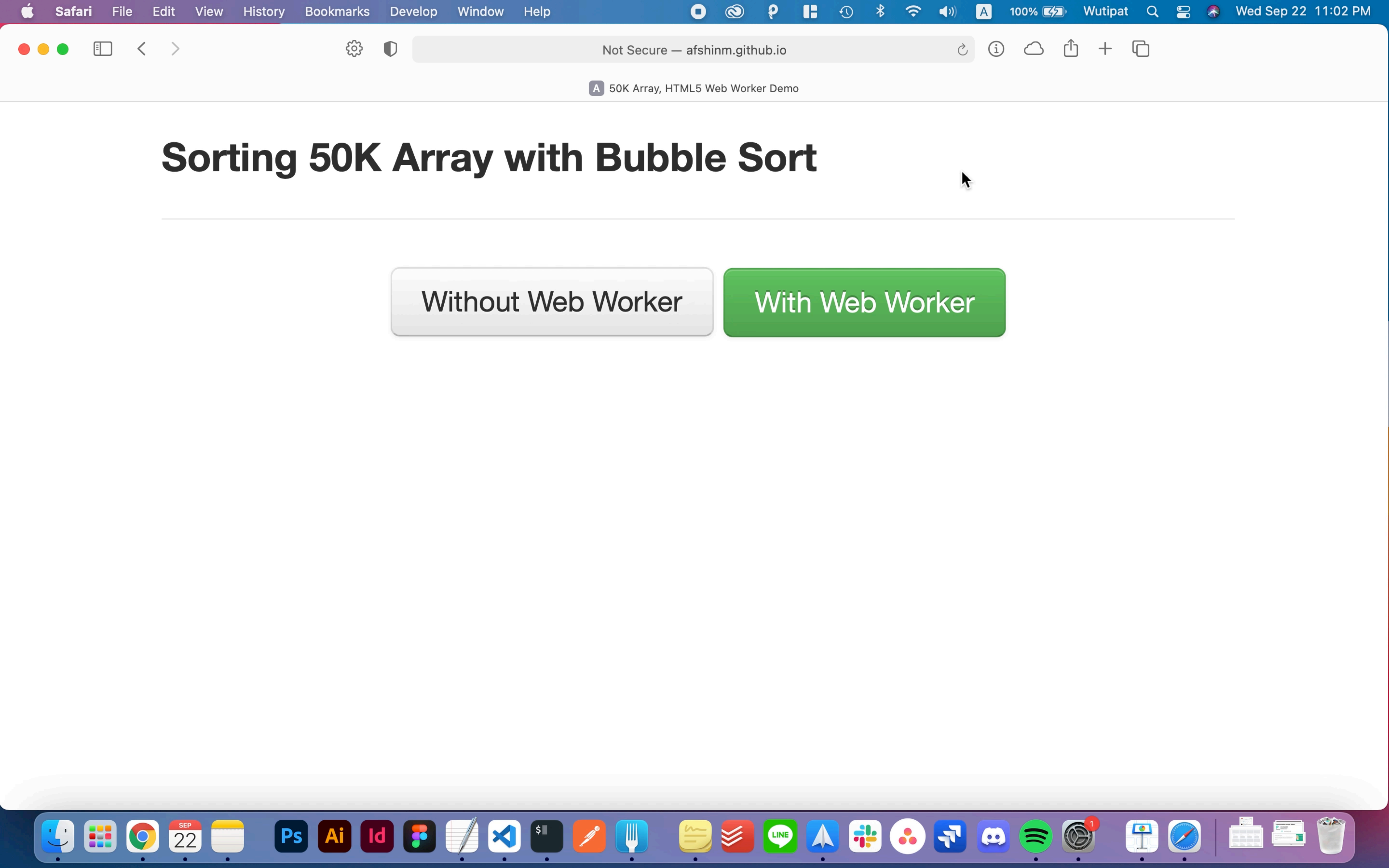
Without Web Worker

With Web Worker

50K Array, HTML5 Web Worker Demo

Sorting 50K Array with Bubble Sort

Without Web Worker

With Web Worker

Sorting 50K Array with Bubble Sort

[Without Web Worker] [With Web Worker]

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Without Web Worker

With Web Worker

Sorting 50K Array with Bubble Sort

Without Web Worker   With Web Worker

50K Array sorted in:

3228ms

As you can see, without Web Worker, your browser maybe able to sort the 50K Array but you can't work with your browser while sorting and also your browser won't render anything until sorting ends, that's why you can't see the animated progress bar in the page.