

## Story #1

### Creating Atlas App

My final project for foundations is an app that lets olympic weightlifters compare their current 1 rep max lifts with a target value to see how close they are to joining the 1000lb club. Entry to the 1000lb club is achieved when your combined squat, deadlift, and bench press equal 1000 lb.

For the front end I choose to use HTML and CSS. These languages gave me just enough functionality to complete the project without weighing down the app. For the backend I used express and javascript. Javascript definitely doesn't have the easiest syntax for math and data handling, but in the end I was able to accomplish everything I needed using it.

At first this project seemed straightforward and simple. Unfortunately as I started building out different features I realized that what I thought was basic math would take a little finagling to make it work. My first problem was with my array storing too many numbers, fortunately I was able to use the .pop function to get rid of extra numbers. Then I had a problem with additional decimal places, I was able to use Math.floor to get rid of extra decimal places.