Homework

Exercises

1. **Personable Persons**

   Create two person objects with an "age" attribute and a "name" attribute. Then, add a "greet" method to both people that accepts a person as a parameter and outputs the following:

   "Hello, [name]. I am [name]. Pleased to meet you." if the other person is older than this person.

   "Yo [name]. I'm totally [name]. Wsup!." if the other person is older than this person.

2. **Possibly Positive**

   Write a function called `isPositive` which takes one parameter. If that parameter is a number, return `true` if it is greater than or equal to 0 and `false` otherwise. If that parameter is a string, always return `false`.

3. **Filtering Arrays**

   Write a function called `filter` that takes two parameters, an array (`a`) and another function (`fn`). This function should return a new array containing all the items in `a` for which `fn` returns true. For example:

   ```
   filter([1, 2, 3], function(x) {
     return x >= 2;
   }); // => [2, 3]
   ```

   Test `filter` using the `isPositive` function you wrote above and the following array `[-5, 0, 1, 'car']`.

   Find a function in the underscore library which implements this for you.

4. **Decaying Count**

   Write some code that writes "1" to the console, then 1 second later writes "2" to the console, then 2 seconds after that writes "3" to the console, ..., until it gets to "10".

Delivery

Show your code for the last 2 exercises (3 and 4) to Mitch or another TA. They will review your code and mark it as complete for you.