Announcements

* This week’s lab is an “open lab” for working on projects with GTF assistance
* This week we will do review in class, no new topics
* The make-up project is due March 11 at 11:59 pm
* The final exam is Thursday, March 17 at 10:15 am

Make-up Project Topics

* Arrays
* Arrays as function parameters  
  Example: pass an array of scores, return the highest  
   function maxScore(scores) { // we’ll write the code in class }
* Processing arrays
  + for ([initialization]; [condition]; [final-expression]) {…}
  + for (variable in object) {... }
  + arrayObj.indexOf(value)
* Strings
* Strings are objects and internally strings are stored as arrays
  + Return a single character: stringObj.charAt(n)
  + Return index of a sub-string: stringObj.indexOf(‘sub-string’)
  + Return a sub-string by indices: stringObj.slice(i, j)
  + Return an array of strings: stringObj.split(“delimiter”)  
    (common delimiters: space, comma, tab, etc.)
  + Reference: <http://www.w3schools.com/js/js_strings.asp>
* Look-up tables
* Parallel arrays
* Arrays of objects

Notes on the NATO Phonetic Translator

The translator should translate both letters and numbers. That’s the point of the description of phone numbers that start with letters. The letters should be translated to their phonetic form (not to numbers), and the numbers should be translated to their phonetic form as well.

Reference: <https://en.wikipedia.org/wiki/NATO_phonetic_alphabet>