Program Guidelines

1. Test as you go, one function at a time.

2. All JavaScript code is kept in files separate from the HTML document (.js)

3. All styles are kept in files separate from the HTML document (.css)

4. All data is stored in files separate from the HTML document (usually .xml or .json)

5. Your JavaScript code manipulates the DOM directly, and does not use document.write()

6. Each file begins with a comment telling what the file contains.

7. Each JavaScript function begins with a comment telling what the function does.

8. Start each html file using the template_Transitional.html (see over)

9. NO "DRY" CODE (Don't Repeat Yourself!)

10. Use conventional and consistent capitalization and indentation in your JavaScript.

11. NO JavaScript function longer than 30 lines (code first, refactor later)

12. No more than one global variable per JavaScript source file.

13. Global constants are OK, but they must be named in ALLCAPITALS.

14. Please do not submit incomplete assignments, as they will not be graded. Get help debugging your work and submit late instead.

15. Copy files to your account on Foothill's Krypton web server (accessed via losaltos.fhda.edu) and submit the link to them through etudes ng.

16. All assignments must be submitted before 5 pm on date due.

You will receive a point off for not following these Guidelines. If you believe your program could be improved by breaking one of these rules, please explain the situation on etudes Discussion.

Development Environment

Before you begin Assignment #1, you must download and install the following on your computer, unless you will be working in the Foothill lab:

- Firefox browser

- Web Developer Toolbar
  http://chrispederick.com/work/webdeveloper/

- Editor for JavaScript and HTML (e.g. BBEdit Mac)

- Secure ftp client
  Fugu or an editor that can edit files to/ from a remote server (e.g. BBedit, UltraEdit)

- Unix account from   http://krypton.fhda.edu/
      You will be storing all your work here.

- Etudes ng course website   (no need to download)
      http://etudes-ng.fhda.edu/portal   (login info on Syllabus)

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html Template Transitional

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">

<!--
Author: Put your name here
Class/Section: Class and section, date here
What does this web page do? A clear, concise answer here
-->

<head>
    <title> Your title goes here </title>
    <meta http-equiv="Content-Type" content="text/html;    charset=iso-8859-
1" />
    <script language = 'JavaScript' type = 'text/javascript'>
    </script>
</head>

<body>

</body>

</html>
```