

**CIS 180 L - Intro to JavaScript - Fall 2006**  
**Homework Assignment #2 - corrected 8-24-06 after class**

**Due: TUESDAY, August 29th, beginning of class**

**Purpose:** To practice some of the JavaScript basics discussed in lecture, such as variables, prompt popups, some control structures, and some functions.

**Note:** as long as you meet the specifications below, you may add additional embellishments as you wish.

**How to turn this in:** See instructions in #4 below - you will e-mail me the URL's for your completed pages.

1. On the public course web page, under "Homeworks and Handouts", in the section for HW #2, you will find a simple, incomplete HTML file named **jones\_cafe.html**.

Copy the contents of **jones\_cafe.html** into a new file as **jones\_cafe1.html** and add JavaScript(s) to it so that:

- \* a prompt box appears asking the user for his/her food order, and
- \* if Spam is entered, it accepts the order in some visible way (which can be as simple as printing text to the document saying the order is accepted, or fancier as you wish), and
- \* if Spam is not entered, though, it should reject the order in some visible way (which can be as simple as printing text to the document saying the order is rejected, or fancier as you wish).

2. Now copy **jones\_cafe.html** into **jones\_cafe2.html**. Now add JavaScript(s) to it so that:

- \* a prompt box appears asking the user for his/her food order, and
- \* while Spam has not yet been not entered, it continues to prompt the user for an order until he/she DOES enter Spam.
- \* (once Spam is entered, it accepts the order in some visible way (which can be as simple as printing text to the document saying the order is accepted, or fancier as you wish))

3. Copy **jones\_cafe2.html** into **jones\_cafe3.html**, and add JavaScripts so that:

- \* it includes a function **repeatSpam** that has one parameter: the number of "orders" of Spam requested. It will then, when it is called, use a **for** loop to write to the document that many instances of Spam. (This can just be the word "Spam", or you can put stars or other embellishments of your choice around each Spam.)
- \* it includes a function **spamCost** that has one parameter: the number of "orders" of Spam requested. This function uses whatever cost you would like to set for 1 "order" of Spam (you can just hard code that in, for this assignment), and it **returns** the cost for that many "orders" of Spam.
- \* once the user has entered an order of Spam, it prompts the user for how many orders of Spam he/she wishes; it then calls **repeatSpam** accordingly to "fill" that order, and it calls **spamCost** accordingly to determine how much that much Spam would cost, printing the resulting amount to the screen in whatever visible fashion you choose.

4. When your pages are ready, send me an e-mail to **sharon.tuttle@humboldt.edu** before the deadline with **CIS 180 JS HW 2** in the Subject: line containing the URL's for your **jones\_cafe1.html**, **jones\_cafe2.html**, and **jones\_cafe3.html** pages.