***CSCI 181 Web Design and Programming***

***Lab 11. Javascript.***

***Due: Friday, Nov. 9 @ 5pm (Moodle dropbox)***

**Instructions**: Complete the following two Javascript exercises as two separate HTML pages. Prominently Label each of the exercises in your HTML code. Upload the URLs for each of the two exercises below to the Moodle dropbox by the due date and time.

## (20 PTS) **Golf Game**

Function that takes two parameters

Use if else statements

If( strokes==1) {

Return “Hole in one”;

}

Else if (strokes==par-2) {

Return “eagle”;

} else if ……

In the game of [golf](https://en.wikipedia.org/wiki/Golf) each hole has a par meaning the average number of strokes a golfer is expected to make in order to sink the ball in a hole to complete the play. Depending on how far above or below par your strokes are, there is a different nickname.

Create a Javascript function that will be passed par and strokes arguments. Return the correct string according to the table below which lists the strokes in order of priority; top (highest) to bottom (lowest). Print the returned **string in an Alert box.**

| **Strokes** | **Return** |
| --- | --- |
| 1 | "Hole-in-one!" |
| <= par - 2 | "Eagle" |
| par - 1 | "Birdie" |
| par | "Par" |
| par + 1 | "Bogey" |
| par + 2 | "Double Bogey" |
| >= par + 3 | "Go Home!" |

Note that par and strokes will **always be numeric and positive**. Use an **array** to store all the string names for convenience.

## ~~(15 pts)~~ **~~Mad Libs~~**

Consider this sentence - "It was really **\_\_\_\_**, and we **\_\_\_\_** ourselves **\_\_\_\_**". This sentence has three missing pieces- an adjective, a verb and an adverb.

Using HTML text input fields, ask the user to enter in three words (an adjective, a verb, and an adverb). Use these user input fields to complete the sentence below and print it out to the browser using an **Alert** box.

Text input fields ( use the more\_js2 example)