Project 1 – JavaScript
Due Date: Part 1, Feb 16, 2006, Part 2, Feb 21, 2006

Rules for the completion of this project:
1) follow directions to complete the assignment and turn in the project as indicated
2) You may work in teams of 2 on this assignment. Your fingers should type the code, your brain should piece together the solution, using the tools we have learned in class.
3) If you are “lost”, if you get “stuck”….email or visit your instructor! Get your monies worth, heaven knows this class is expensive!
4) However, please remember that failure to plan on your part does not constitute an emergency on mine. If you wait until 2 days before the due date and come to me for help, I will probably not be very helpful. However, if we have been in discussion about the project on and off for the last 7-10 days, I will be more than happy to continue guiding you.

Part I Due Feb 16. A typed, algorithm for your project. This should contain detailed information and constructs (loops, arrays, functions). Bring a printout to class.

Part II – Due Feb 21
Write a Javascript application that will play “Hangman”. Please note the following rules for implementation

- click a button to start a new game.
- create a list of words/phrases for each category to be used in the game. These should be stored in an array structure
- use text boxes to hold each letter of the word/phrase, disabling text boxes that represent blanks in a phrase
- use a text box to accept the letter being guessed
- present a “winner” or “loser” message
- use the images provided (or better ones that you generate) and write the hangman parts into a layer on the page, piece by piece as the game progresses
- Using Firefox, you may apply the following style rules to position the hangman (these will not work in IE – if you would like to use IE, generate a table to position the images)

```html
#head {position: fixed; left: 270pt;}
#leftarm {position:fixed; left: 220pt; top: 105pt;}
#body {position:fixed; left: 300pt; top: 115pt;}
#rightarm {position:fixed; left: 300pt; top: 105pt;}
#leftleg {position:fixed; left: 235pt; top: 235pt;}
#rightleg {position:fixed; left: 300pt; top: 235pt;}
```

- Use the following tags and identifiers to correspond to the style sheet rules

```html
<div id="head"><img src="blank.png" /></div>
<div id="leftarm"><img src="blank.png" /></div>
<span id="body"><img src="blank.png" /></span>
<div id="rightarm"><img src="blank.png" /></div>
<div id="leftleg"><img src="blank.png" /></div>
<span id="rightleg"><img src="blank.png" /></span>
```

- Style the page appropriately so that it has the “look and feel” of a game. This will not be the major portion of your grade, but points will be awarded for creativity vs a white background with plain font, black text.
Hilarious Hangman

Pick a category
The Category is: Football Teams 

New Game

Guess a letter: