Javascript Exercises

1. What is the difference between the following 2 statements?

setTimeout(booyah, 2000);

setTimeout(booyah(), 2000);

setTimeout(booyah, 2000) calls booyah function after 2000 ms

setTimeout(booyah(), 2000) calls booyah function immediately

2. What do the following 2 alerts display (answer without running the code)?

var myfunc = function(a, x) {

return a \* x;

};

var x = myfunc(2, 3);

var y = myfunc;

alert(x);

alert(y(2,3));

2 alerts display 6

3. Write functions booyah1 and booyah2 so that in both cases below, an alert box comes up after 2 seconds that says “BOOYAH!”

setTimeout(booyah1, 2000);

setTimeout(booyah2(), 2000);

function booyah1() {

alert("BOOYAH!");

}

function booya2() {

setTimeout(alert("BOOYAH!"), 2000);

}

4. What is "Unobtrusive Javascript"? What is the practical application of Unobtrusive Javascript (and the reasons for using it)?

Unobtrusive Javascript

* HTML with minimal JavaScript inside
* uses the DOM to attach and execute all JavaScript functions

The practical application of Unobtrusive Javascript is to allow separation of web site into 3 major categories:

* content (HTML) - what is it?
* presentation (CSS) - how does it look?
* behavior (JavaScript) - how does it respond to user interaction?