Javascript Exercises

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

setTimeout(booyah, 2000);

setTimeout(booyah(), 2000);

**Ans:** the first one is called a reference of a function and will execute the function after 2 seconds, and the second one is a callback and when the page loads the function will be executed immediately right away.

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));

**Ans:** both alert pop up 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);

**setTimeout**(**booyah1**,2000)

**setTimeout**(**booyah2**(),2000);

function **booyah2**(){

return function(){

**alert**('boyah2')

}

}

function **booyah1**(){

**alert**('booyah1')

}

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

**Ans:** **Unobtrusive JavaScript** is the way of writing **JavaScript** language in which we properly separate Document Content and Script Content thus allowing **us** to make a clear distinction between them. This approach is useful in so many ways as it makes our code less error prone, easy to update and to debug.