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

a-setTimeout(booyah, 2000);

b-setTimeout(booyah(), 2000);

**answer**:

The first function is a callback function that is called for the first time after 2000 ms passed. the second function is a direct call function that is called for the first time without waiting for 2000 ms.

**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));

**Answer:**

Both will 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);

**Answer:**

function booyah1() {

alert("BOOYAH! 1");

}

function booyah2() {

setTimeout(function booyah() {

alert("BOOYAH! 2");

}, 2000);

}

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

Unobtrusive Javascript is a technique of separation of javascript code (logic) from the html code (UI) to enhance code readability and maintainability. also it’s a mandatory step to design a clean code.