JavaScript Exercises Solution

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

   setTimeout(booyah, 2000);

   setTimeout(booyah( ), 2000);

   Ans:

   The second one calls the function immediately, rather than waiting the 2000ms unlike the first one!

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 of them alert 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);

Ans:

function booyah1() {
alert("booyah");
}

function booyah2() {
setTimeout(booyah1, 2000);
}

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

Ans:

Unobtrusive JavaScript is a general approach to the use of client-side JavaScript in web pages so that if JavaScript features are partially or fully absent in a user's web browser, then the user notices as little as possible any lack of the web page's JavaScript functionality.

It promotes separation of web page content into 3 different concerns: content (HTML), presentation (CSS), and behavior (JS) .

unobtrusive JavaScript code enables us to have:

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