Javascript Exercises

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

setTimeout(booyah, 2000);

setTimeout(booyah(), 2000);

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| --- |
| * setTimeout(booyah, 2000);   the function booyah will called after 2000ms (when the timer goes off)   * setTimeout(booyah(), 2000);   the function booyah will called immediately |

1. **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));

|  |
| --- |
| Both alerts display number: 6 |

1. **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** *booyah2*() {  *setTimeout*(*booyah1*,2000); } |

1. **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
* What is the practical application of Unobtrusive Javascript (and the reasons for using it)?

Allows 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?