Javascript Exercises

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

```
setTimeout(booyah, 2000);
```

→ This will invoke the function after 2 second.

```
setTimeout(booyah(), 2000);
```

→ This will invoke the 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));
```

→ Two alerts display the same result is 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);

function booyah1() { alert("BOOYAH!") };

setTimeout(booyah2(), 2000);

function booyah2() { return function() { alert("BOOYAH!") } }
```

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

Unobstrusive Javascript means we write HTML with minimal Javascript inside, use the DOM to attach and execute all Javascript functions.

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

We will put interactions to a separated js file, get the related elements and attach a handler event on those ones.