Javascript Exercises

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

setTimeout(booyah, 2000);

setTimeout(booyah(), 2000);

[Answer]

setTimeout(booyah, 2000); // ➔ booyah is going to be called after 2000 ms

setTimeout(booyah(), 2000); // ➔ booyah will be called 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));
```

[Answer]

alert(x)➔6

alert(y(2,3))➔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!");
}
function booyah2(){
      return function(){
      alert("BOOYAH!");
      };
}
```

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

[Answer]
> What is "Unobtrusive Javascript"?:
When writing Javascript in a completely separate file.
> What is the practical application of Unobtrusive Javascript (and the reasons for using it)?
No JS code inside HTML. (even no function call inside button tag, such as onclick)
The main reason is that the separation of concept:
- content (html)
- presentation (css)
- behavior (js)