

## JavaScript Exercises

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

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

Ans

```
setTimeout(booyah, 2000); // -> boolah is going to be called after 2000 ms  
setTimeout(booyah(), 2000); // -> boolah 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));
```

Ans

6  
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);
```

Ans

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

Ans

- What is "Unobtrusive JavaScript"?:

Writing JavaScript as 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)

Main reason is the separation of concepts:

- content (html)
- presentation (css)
- behavior (js)