

Javascript Exercises

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

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

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

Ans: the first one is called a reference of a function and will execute the function after 2 seconds, and the second one is a callback and when the page loads the function will be executed immediately right away.

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 alert pop up 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);  
  
function booyah2(){  
    return function(){  
        alert('boyah2')  
    }  
}  
  
function booyah1(){  
    alert('booyah1')  
}
```

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

Ans: Unobtrusive JavaScript is the way of writing **JavaScript** language in which we properly separate Document Content and Script Content thus allowing **us** to make a clear distinction between them. This approach is useful in so many ways as it makes our code less error prone, easy to update and to debug.