

Javascript Exercises

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

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

Answer

`setTimeout(booyah, 2000);` calls the function **after 2000ms**,
while `setTimeout(booyah(), 2000)` calls the function **immediately rather than waiting 2000ms**.

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

They both display a pop window with the number **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() {  
    setTimeout( function() { alert("BOOYAH!"); },  
2000) }  
}
```

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

Answer

Unobtrusive JavaScript is the separation of content (HTML) from behavior (JavaScript). It promotes the separation of a webpage into 3 major categories: content (HTML), presentation (CSS), and behavior(JS). A bad style would be to embed JavaScript code inside HTML. Instead a separate file for JavaScript is highly recommended, which is linked to the HTML file.

With unobtrusive JavaScript, the HTML webpage will display correctly regardless of JavaScript support in the browser. It helps in avoiding browser inconsistencies and lack of scalability.