

Javascript Exercises

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

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

R- The first one will execute after 2 seconds the second one will execute 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));
```

R - Both of them will alert the message 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);
```

R -

```
const booyah1 = function(){alert("BOOYAH")};  
const booyah2 = function(){setTimeout(booyah1,2000)};
```

```
setTimeout(booyah1, 2000);  
setTimeout(booyah2(), 2000);
```

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

R -

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. There are several benefits of using Unobtrusive JavaScript. Separation of concerns i.e., the HTML markup is now clean without any traces of JavaScript. Page load time is better. It is also easy to update the code as all the JavaScript logic is present in a separate file. We also get, better cache support, as all our JavaScript is now present in a separate file, it can be cached and accessed much faster.