Javascript Exercises

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

setTimeout(booyah, 2000);
This arranges to call a function booyah() after 2000ms.

setTimeout(booyah(), 2000);
This won't call a function booyah() and give nothing.

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);
```
This pops up an alert in window and display 6.

alert(y(2,3));
This pops up an alert in window and display 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);
function booyah1() {
        alert("BOOYAH!");
}

setTimeout(booyah2, 2000);
function booyah2() {
        alert("BOOYAH!");
}
```

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

It is an approach where JavaScript are not directly used in the HTML file. It separates the JavaScript into a different file.

Application of Unobtrusive file:
a. It makes easy for maintenance and updating functionality
b. Helps in debugging and also even if any script fails, the page still delivers its core function and information.

c. It helps to separate content (html), presentation (CSS) and behavior (JavaScript) of the web pages.