Javascript Timer Exercises

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

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

In the first case the fonction booyah will be executed in 2 second, in the second case the function will execute immidiatly.

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));

Nothing, because there is not any call of this alerts. But if to write an event for this alerts the answer will be: first alert: 6, second alert: 6.n

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(booyah1, 2000);
}
function onclickBtn(){
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)?

"Unobtrusive Javascript" is the way how javascript can be attached to web site. It is the separating behavior from web page to another external file. If was used "Unobtrusive Javascript" principle it means that the structure of web page would be easier for understanding and maintaining. For example we car divide behavior of our html page to javascript file. We have link to ather resurcein the internet but if user click the link would be opened new page, using "Unobtrusive Javascript" is it possible to set a behavior of this link and open the resource in modal window for example.