CS472-WAP COURSE

JavaScript Exercise

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Javascript Exercises

1. What is the difference between the following 2 statements?
- setTimeout(booyah, 2000);
- setTimeout(booyah(), 2000);

Answer:
 a) setTimeout(booyah, 2000);
   ⇨ In this statement booyah is going to be called after 2000 ms.
 b) setTimeout(booyah(), 2000);
   ⇨ In this statement booyah will be called imediately

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:
   ⇨   Both of them will give us a result of 6.

      ->alert(x); will give us 6.
      ->alert(y(2,3)); will give us 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:

a) ```
function booyah1(){
    alert("BOOYAH!");
}
```

b) ```
function booyah2(){
    return function(){
        alert("BOOYAH!");
    };
}
```

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

Answer:

a) What is "Unobtrusive Javascript"?:
   ⇨ To write javascript as a separate file from HTML file or documentation.
b) What is the practical application of Unobtrusive Javascript (and the reasons for using it)?

   ⇨ Unobtrusive javascript promotes separation of web page content into 3 different concerns: content (HTML), presentation (CSS), and behavior(JS) (ala MVC, knower, known, process of knowing). We don't need to write JS code inside HTML.
   Main reason is the sepration of concepts:
   - content (html)
   - presentation (css)
   - behavior (js)