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

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

Ans:The second one is wrong. We should not use parentheses () ,when passing the function name in the setTimeout.

For example var booyah= function(){ alert("Hello");}  
setTimeout(booyah, 2000); is actually working as below

setTimeout(function(){ alert("Hello");}, 2000);

whereas setTimeout(booyah(), 2000); this is not passing var booyah, this is a syntax error . Inside setTimeout method anonymous function to be passed. Normal function should not be passed to setTimeout

1. **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));**

Ans:After a function has been stored in a variable, the variable can be used as a function,

Both will display 6.

1. **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);**

function booyah1(){

alert("BOOYAH");

}

function booyah2(){

alert("BOOYAH");

}

setTimeout(booyah1, 2000);

setTimeout(function(){booyah2();} , 2000);

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

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. Just as we should separate our structure and presentation by putting all CSS in a separate file and eschewing the use of style attributes or other such presentational markup, we should also separate our HTML structure and JavaScript behavior . So it is basically separating behavior or javascript from presentation or html. This approach is useful in so many ways as it makes our code less error prone, easy to update and to debug.

Practical example of using unobtrusive JavaScript is Form validation.

Unobtrusive JavaScript is a way of writing JavaScript so that site visitors are not shut out of the site for one of these reasons—if JavaScript is not working correctly for them, the user should still be able to use the site