**Exercise**

1. The first one is called the booyah function after timeout , and the second one call the booyah function immediately
2. Both are display 6

function booyah1(){

alert("hello");

}

function booyah2(){

setTimeout(display, 2000);

}

function display(){

alert("Hello");

1. Unobtrusive JavaScript is a best practice methodology for attaching JavaScript to the front-end of a website. It’s an ideal to strive toward and something we should bear in mind whenever we’re adding JavaScript to a site.

There are a number of reasons why you’d want to use Unobtrusive JavaScript. From the how-to above you can see that maintenance and updating functionality is a lot easier. But the benefits of being unobtrusive aren’t purely selfish. It’s about the user.

When a user comes to your site you can’t guarantee the device, browser or connection they have to your site. For example, older browsers wouldn’t be able to execute the above code since they don’t support the getElementsByClassName method. This would stop the script from being executed. Still they will be able to go to the site and follow the link in spite of getting a JavaScript warning in the status bar of their browser. Ideally, to be truly unobtrusive, you’d write some more code to fall back on to with older browsers, or alternatively use something like [jQuery](https://blog.teamtreehouse.com/beginners-guide-to-jquery).

for (var i=0; i < anchors.length; i++) {

anchors[i].onclick = function() { };

};