



ASYNCHRONOUS JAVASCRIPT & CALLBACKS

SETTIMEOUT()

`setTimeout(function, delay);`

specify a function to run after a delay

FUNCTIONS AS ARGUMENTS

anonymous function:

```
setTimeout(function(){  
    console.log("Hello world");  
}, 1000);
```

named function:

```
function helloWorld() {  
    console.log("Hello world");  
}  
  
setTimeout(helloWorld, 1000);
```

PROMISE

```
doSomething().then(function(result) {  
    return doSomethingElse(result);  
})  
.then(function(newResult) {  
    return doThirdThing(newResult);  
})  
.then(function(finalResult) {  
    console.log('Got the final result: ' + finalResult);  
})  
.catch(failureCallback);
```

FETCH

```
fetch(url).then(function(response) {  
    if(response.ok) {  
        return response.json();  
    }  
    throw new Error('Network response was not ok.');
```

```
}).then(function(data) {  
    // DOM manipulation  
}).catch(function(data) {  
    // handle lack of data in UI  
});
```