

## Lab 6

1. Follow the instructions for the Decorate My Text lab (below) to practice using JavaScript with the DOM.

<http://mumstudents.org/cs472/2016-03-AS-KL/Labs/Lab06-decoratemytext.php>

When you are finished upload your code to your website and include a link to it on your home page. In Sakai submit a link to your home page. Also be sure to include some comment about something you learned in the lab or some difficulty you had to resolve, etc.

You should include the verification links on your html page.

1. JavaScript must be in a .js file.

```
2. window.onload = function(){  
    "use strict";  
    // put all of your code here  
}
```

3. (Optional) Use a linter JSHint or ESLint

IntelliJ > File > Setting > Languages&Frameworks > JavaScript > Code Quality Tools > JSHint

- check 'enable'

- scroll down to Environments and check 'Browser' and 'Development' and 'Mocha'

Below is an example of a js file setup to run on IntelliJ with JSHint. The comment at the top line will tell jsHint to recognize JS6 keywords like const and let. It must be on the first line of the file.

```
/*jshint esversion: 6 */  
window.onload = function () {  
    const okButton1 = document.getElementById("ok1");  
    okButton1.onclick = okayClick;  
  
    const okButton2 = document.getElementById("ok2");  
    okButton2.onclick = function () {  
        alert("OK2 clicked");  
    };  
  
    document.getElementById("ok3").onclick = function () {  
        alert("OK3 clicked");  
    };  
  
    function okayClick() {  
        alert("OK1 clicked");  
    }  
};
```

Grading Rubric for W1D6 lab -- decorate my text

10 points

home page has link to Decorate  
For Decorate

should use a JavaScript file set up as instructed with window.onload and "use strict"  
should use unobtrusive JavaScript and styling  
should have the 3 verifiers (validator links)  
basic functionality should work  
good comment

9 points  
missing one of above

8 points  
missing 2 of above

7 points  
missing 3 of the above

EC for appropriate use of one or more of map, filter, reduce, forEach, for in, for of, ...operator, arrow functions  
You must describe the use of each in your comment to receive EC.