

CSI 3140 – Laboratory 6

JavaScript & DOM, part II

A Client Side notes tracking application

The goal of this exercise is to write the small client side application demonstrated in class: a web page that can be used to enter items one after the other and that displays them in an ordered list.

The following features, all implemented client side, will be available:

- ability to change de font size
- ability to reorder the list items up and down
- ability to delete an item
- ability to flag an item as "important" by double-clicking on it (item displayed in red)
- ability to print the list, such that
 - all the icons, forms and other irrelevant parts of the web page are removed from the printed page
 - important items are printed in bold instead of red
 - minor formatting adjustments are done if necessary

We first focus on Firefox, Chrome and IE8 support.

Step 1

Create a page with a form allowing the user to type data in. Write a JavaScript program which, when the user clicks the "add entry" button, adds the text as last item of an ordered list and sets the focus back to the text area.

Step 2

Add three icons allowing to change the font size of the text in the list (small, normal and large) and an icon to print the page. The form and the icons should not be on the printed page

Step 3

Add three icons next to each displayed item: one to move the corresponding list entry up one level in the list, one to move it down, and one to remove the entry from the list. Implement the corresponding functions. These icons should not be displayed in the printed version of the page.

Step 4

Add a function to display an item in red if it is double clicked, and to display it back normally when it is double clicked again. In the printed version, the item should be bold instead of red.

Addendum

Adapt your code to make it work with IE 6 and IE 7 (while still working with IE8, FF and Chrome)