

Homework assignment 5

A student's grade is calculated according to the following schedule...

Numerical Grade	Letter Grade
Greater than or equal to 90	A
Less than 90 but greater than or equal to 80	B
Less than 80 but greater than or equal to 70	C
Less than 70 but greater than or equal to 65	D
Less than 65	F

Using this information, write a JavaScript program that accepts a student's numerical grade using a Text Field, converts the numerical grade to an equivalent letter grade, and displays the letter grade back to the webpage.

**Advanced (Optional, but try it)**

Output each letter grade in a different color. An 'A' could be in blue, a 'B' could be in purple, etc. To do this, assign CSS to the 'msg' DIV tag used to hold the letter that you print. You must use single quotes to assign an ID...

```
msg = msg + "< div id = 'somecss' >A< /div >";
```

For your page layout, you may either re-create the webpage displayed on the following page. Or you may download the CSS file already completed. The code is located here...

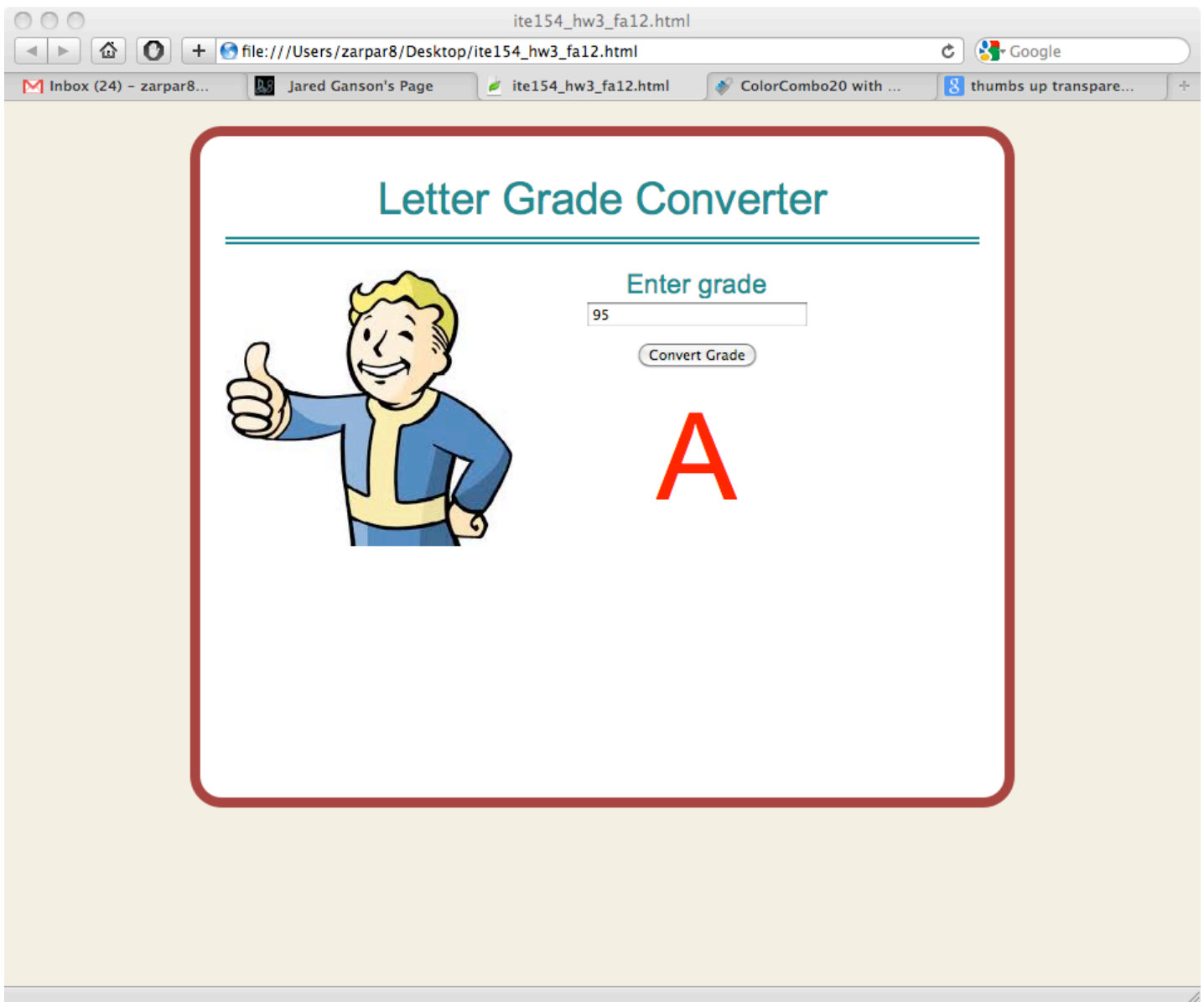
http://newton.ncc.edu/gansonj/ite154/templates/ite154_hw5_template.txt

Images...

The image is inserted as a background of the div tag.
The image for the web page can be found at...

<http://newton.ncc.edu/gansonj/ite154/img/thumb.jpg>

Remember, all homework assignments are due by the assigned due date. You may upload your assignment at anytime, but my website will not accept any assignments after the due date and time. You must type your assignments using any word processor or notepad / textwrangler. All assignments must be uploaded through my website to receive credit.
Any questions, do not hesitate to email me.



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