[UAB](http://main.uab.edu/) -> [ENG](http://www.eng.uab.edu/) -> [ [ECE](http://www.uab.edu/engineering/departments-research/ece) / [ECE Intranet](http://www-ece.eng.uab.edu/) ] -> [ [DGreen](http://www-ece.eng.uab.edu/DGreen/redirect/dgreen-internet.html) / [DGreen Intranet](http://www-ece.eng.uab.edu/DGreen/) ] -> [EE447](http://www-ece.eng.uab.edu/dgreen/ee447/) -> HW2

**EE447/547 HW2 - Spring 2012**

* Create your index.html page for your website from your HW1 main page and associated files.  
     
  Using your home page (index.html) (page 1) in Homework 1, modify it (and the other html files) to pass the [Validator](http://validator.w3.org/check?uri=referer) for XHTML 1.1 or HTML5. If you prefer (and so state), you may use a different validator as long as it claims to validate the source against the XHTML 1.1 or HTML5 rules. You may NOT merely use a tool which claims to generate correct markup. Add a link from this home page to a ‘report’ page (Page 2) that discusses the problems with your original page (in terms of validation) and the steps you took to fix these problems. If your HW1 page was already valid XHTML1.1 or HTML5 – good for you! Just upload it and reflect on the efforts you undertook to make it valid earlier.
* **Bonus** (up to 20%): MultiMarkdown Version of index page.

Create a MultiMarkdown version of your index page and generate an index-m.xhtml page showing its operations. Include secondary pages that show the source code and explain “lessons learned in development”.

* **Bonus** (up to 40%): MultiMarkdown Install Instructions

Create instructions to either a) install MultiMarkdown on a home PC or b) install MultiMarkdown for individual use in the Engineering Lab computers.

* New Page (with links to new pages 1, 2, and any bonuses).
* Each page you create should have a link set on it to point to a validator which will validate the referring page when clicked.

**Submission**

Submit your assignment using BlackBoard Learn

* Use the “Assignments” tool that can be accessed clicking on “More Tools” in the upper right of the class page of BlackBoard Vista.
* Submit the url of your assignment as text in the message part of grading assignment being sure to 1) include http:// in front of the URL (to make it a URL) and 2) check that this URL is a correct URL.
* The assignment is due at the start of class on the date noted on the syllabus. An automatic extension to 11:59pm of the same day is available by attending class and signing the roll on that day.
* The web pages must not be modified after they are submitted for grading.

**Website information**

Your website is shown in the class notes for HTML and is reachable by sftp (secure ftp) to the specified server. Files you place in the directory public\_html/ show up as above. Your BlazerID account and password controls your access to this Linux box. Linux is “case-sensitive”. Be sure that your web page is readable (but not writeable) by all. You may need to override your client’s change of permissions on your uploaded file. The file permissions should be 644 (user/owner: read(4)/write(2), group and other: read(4) only).

Secure FTP can be obtained from several sources including [SSH](http://www.ssh.com/support/downloads/secureshellwks/non-commercial.html), [FileZilla](http://ca.huji.ac.il/services/internet/ssh/filezilla.shtml). There are others (see Google). A GUI-based sftp program is installed in the UAB engineering lab. It appears that this Secure Shell program is available for student [download](http://www.uab.edu/it/software/index.php).

Note that the site is supplied for class purposes only and not for any other purposes including a semi-permanent web site for the student. Students interested in personal web site should consult the University’s IT support pages.

*Web Page:* http://www-ece.eng.uab.edu/DGreen/ee447/hw2.html [.](http://validator.w3.org/check?uri=referer)  
Copyright (c) 2009,11–12 David G. Green, All Rights Reserved  
Contact: [dgreen@uab.edu](mailto:dgreen@uab.edu)  
Last modified: 23 January 2012