

Lab 3

Due: Feb 16, 2014 (Sunday) 23:59

Objectives:

- First practice with web development.
- Connect to the server.
- Create the HTML5 page.
- Practice HTML5 basic tags.
- Publish the first webpage.
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Basic Steps:

- Connect to your account on zenit.senecac.on.ca using a secure connection (SSH).
 - **Host Name:** zenit.senecac.on.ca
 - **User Name:** the name before : on your sticker, (e.g., bti220_141a01)
 - **Password:** 8 characters including digits and alphabet, after : on your sticker
- Access [public_html](#) directory (Unix command: `cd public_html`).
- Use pico or vi or other editor to create an HTML5 file, name it `introduction.html`.
- View your `introduction.html` using a web browser, e.g.:
https://zenit.senecac.on.ca/~bti220_141a01/introduction.html
when prompted, enter your login for username and your password for password

After every modification of your html file, click on the reload / refresh button on your browser to see the update.

- Validate your page with W3C (details are described below).
- Disconnect from zenith server, when passing W3C validation and satisfied with your page.

Requirements on the HTML5 file:

1. You are required to create one webpage using HTML5 for lab 3. However, you are encouraged to create multiple pages and create hyperlinks among the pages.
2. Practice the HTML5 tags as many as possible.
3. Required to include the following in your page(s):
 - Introduction to yourself (text), applying appropriate presentations (tags)
 - Your photo (or other picture)
 - your email (hyperlink)
 - Text hyperlink
 - image hyperlink
 - Named anchor (navigation within the page)
 - unordered list
 - ordered list
 - definition list
 - nested list
 - table
4. The content text could be the introduction to yourself, or anything you would like to include.
5. Use comments when needed.
6. Show proper indentation on your HTML code.
7. Validate your page with W3C
 - Type the following in your browser url location <http://validator.w3.org/>

- type the url for your page introduction.html -
<https://zenit.senecac.on.ca/~yourlogin/introduction.html>
- Click on "More Options" and check "Show Source"
- Click on "Check" - you should get "Passed, 1 warning(s)"
- If you get any errors, go back to step 2 - modify your index.html - and validate again

Submission:

- No explicit submission, no email, no print out...
- Leave it on zenit account, I will check it after the due date.

Important:

Make sure everything you include on your page has no copyright issue, i.e., either you have the copyright or you are allowed to use it on your page.