

HTML Lab (Pt 2): Links, Images, and Forms

(70 pts) Due Mar 15 midnight

(this is the second part of the html lab that was due March 8)

Create a folder called LAB3. Inside this folder, you will create and save all the html files, image files, and folders for LAB3. (Yes, I know you've already practiced with images, but they're fun, so let's do it again!)

LISTEN TO ME!!! Your life will be significantly easier if none of your folder names, file names, or picture names have a space in them. If you download a picture, and its name has a space in it, just rename it on your computer.

Inside LAB3, create a folder for Images. Inside that folder, place at least 3 pictures. The pictures should be of type jpg, png, or gif (because we know those three picture types will work with all browsers).

Inside LAB3 create a second folder for web pages (maybe called Folder3). This will hold a web page that you will link to below (and those web pages will have to link up to the files in LAB3)

Links and Images:(24 pts total)

1. (3 pts) Create a web page from the template you created last week and save it inside your LAB3 folder. In this web page include a header, an ordered list, and a picture. Make sure you include a picture from inside the Image folder. (Note: if you're working on your web site, you can take what you did for last week's lab and modify the content to be more reflective of the web site topic you'll be working on!)
Note about images: make sure you spell the name of the image exactly the same way it is spelled on your computer, including caps and small letters. Frog.JPG is not the same thing as frog.jpg. All letters must be exactly the same.
2. (3 pts) Within this web page add a link to someone else's web page (like google, or cnn, or espn – your choice).
 - ❖ This is an **absolute link**.
3. (3 pts) Create a second web page from your template.
 - ❖ Save this second web page in the LAB3 folder as well, so this web page is in the same place as the first web page.
 - You should now have 2 .html files in the LAB3 folder, as well as the Images folder.
 - Add some content to this page as well – a header and a paragraph and possibly a list (again, you may wish to think about your web site and include content relative to your web site project).

Now link the two pages together. In the first web page, create a link to this web page. In this web page create a link to the first web page. Test them to make sure they work.

 - ❖ This is a **relative link within the same folder!**
4. (3 pts) Create a third web page from your template. *Save this web page in the Folder3 folder* you created inside your LAB3 folder. Add some content to this web page as well.
 - Now add 2 links inside this web page: one link to each of the two web pages you created above (that are in LAB3 but not in Folder3). Make sure the links work.
 - ❖ This is a **relative link to web pages in the folder above** (outside) the current folder
5. (3 pts) Go back to the first and second web page you created for LAB3 and add links inside each of them to your third web page inside Folder3. Test these links to make sure they work.
 - ❖ This is a **relative link to web pages in a folder below** the current folder

At this point all three of your web pages for LAB3 should link to all your other web pages for LAB3. *(with 3 web pages, each linking to all of the other web pages, that should be 6 links total)*
6. (3 pts) In the third web page add an image that's inside the image folder.

- SO for this you must go UP a folder first, and then into the images folder!
7. (3 pts) Create a link from the bottom of your main web page to the top of your main web page.
 - ❖ This is a **link to a place within a web page** (think “jump to recipe”)
 8. (3 pts) Create a link from one of the other two web pages you created to the bottom of your main web page.
 - ❖ This is a **link to a place within a separate web page** (think Wikipedia)

Forms (27 pts total, 3 pts for each form element, 3 for creating a form)

You will now add a form to your web site. You can either modify one of the above 3 pages, or create a new web page.

Create a form: The form should contain:

- 1) a text box (this is different from a textarea).
- 2) a textarea
 - a. with default text
- 3) a set of radio buttons
 - a. with one option set as the default
- 4) a set of checkboxes
- 5) a button with an onclick alert (the alert can be anything that makes you happy!)
- 6) a select box
- 7) a datalist
- 8) Add a submit button

You’re done with forms!!! Woo woo!!

Comments (3 pts)

Now add some comments to your web page basically saying that you just created a form here. (We’re just practicing comments, so I’m not terribly concerned with exactly what the content of the comments is!)

VALIDATE YOUR WEB PAGES!! (16 pts)

How to turn in:

- 1) Validate your web pages
- 2) Upload the entire LAB3 folder to the server
- 3) Turn in the URL of LAB3 on canvas.

MAKE SURE THAT THE PERMISSIONS HAVE BEEN SET so the TA is able to see all the files, images, and folders. A quick way to check is to see if the partner who did not upload the homework is able to see all the files on the server from his/her computer. If you both can’t see all the files, you will have to go through each file and each folder from LAB3 down and change the permissions.

Uploading an entire folder like this is a convenient way to upload a bunch of files and folders without losing the structure of the folders you’ve created, so all the links should still work. We will do this frequently in this class.