ECS 89

Midterm - Friday

- We'll finish up this assignment, have a review on Wednesday, and then midterm Friday
- Open notes; no computers
- Think about what you want to bring and how to organize it.

Assignment Modifications

- No need to make a Web page called "redo.html" when there are errors; use add_data.html to show the error messages, as I demoed in class last time. This is easier.
- I put the command to reset server on assignment Web page.

Using CSS to get nice presentation

- Put link statement in <head> of Web page, eg:
  `<link rel="stylesheet" type="text/css" href="../hw2aux/formStyle.css">`
- Links to stylesheet, .css file.
- What's the sequence of http requests/responses?
- Why is this .css file in a different directory than htmlClass?
- What directory is it in?

Getting to server

- You need two programs that communicate between computers.
- SFTP moves files (secure file transfer protocol)
  - On Windows, one sftp program is WinSCP
- SSH lets you type commands on server (secure shell)
  - On Windows, one ssh program is PuTTY (teletype...
- Set up files, then move them into the right places

Teletype

Linux

- directory is Unix for folder
- A few commands…
  - mkdir – make directory (in current directory)
  - cd – change directory
    - cd ..   (go up a level)
  - rm – delete a file (careful!)
  - rmdir – delete a directory (can't if not empty)
  - ls – list directory (show me the files)
  - ls –l   – shows the permissions

Unix file permissions

- r: read, x: execute, w: write, d: directory
- Three sets, u: user, g: group, and o: other; also a: all
- User can set permissions
- One way to set:

  a+r   hw2.wsgi -- all can read it

  o-w   hw2.wsge -- others cannot write it

- Another way – use binary bits; u-g-o, each is a number between 1 and 7.

  755 – users can rwx, group and others can r_x

  4 – read, 2 – write, 1- execute; add them up!

Some nice CSS

```
input {
    border: solid 2px #ddd;
    margin: 5px;
    }

input.short {
    width: 40px;
}
```

- Draw gray boxes for each element; add margins
- Make a class of short input boxes

A bit more

```
-webkit-border-radius: 5px;
-moz-border-radius: 5px;
border-radius: 5px;
```

- Rounded corners. Different browsers have special attributes for this.

A bit more

```
input[type=submit] {
    float: right;
    margin-left: 10px;
    background: #2d2;
    border: solid 2px #000;
}
```

- Button is green and floats right; black rather than gray border.

Stack input fields?

```
display: block;
```

- Useful if displayed on mobile screens.
- Looks OK on wider screens