Mod_1 Assignments
CS 4720 -Internet Programming

HTML, .CSS, & Python Programming

Purpose:
The goal of this assignment is to help you to apply knowledge of computing to design and implement Internet-based programming using current techniques, skills, tools that affect in your future career, and better communications via interface.

Skills: This assignment will help you to practice the following skills by applying tools that you learn in this course, such as HTMLs, Scripts, IDEs, etc., to enhance your existing Webpage.

- Use cascading style sheets to create style standards for a web site.
- Create a navigational framework that matches the content and genre of the site.
- Analyze JavaScripts source codes by using IDE, such as Visual Studio or Pychram
- Explain separation of concerns as it applies to the design and implementation of a web site
- Describe the issues involved in developing a web interface.
- Summarize the need and issues involved in web site implementation and integration
- Design and implement a web interface

Knowledge: This assignment will also help you to become familiar with the following important content knowledge in this disciple are as follow:
- Use simple features of HTML by developing your own webpage.
- Create and use cascading style sheets (CSS)
- Create and use JavaScript programs
- Demonstrate the ability to communicate effectively via interface.

Tasks:

Detail Descriptions
1. **Assignment_1 - Create a website to show off your new skills**
   Minimum requirements that must be satisfied can be described as follows:
   - At least four different sections (design your own web page)
   - Your photo and descriptions about you
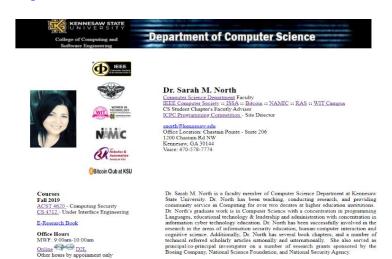   - At least 5 buttons linked to another resources *(Email, LinkedIn, Instagram, Facebook, etc.)*

   The website should include the followings:
   o A header with your preferred name
   o A heading to signal something important or declare a new section/paragraph.
   o More a paragraph or two and link to favorite web sites describing the amazing things you want to share. Remember to use emphasis on key words!
   o A list of key things to know about something in your paragraph. Why not do an ordered list and unordered list?
   o An image of something relevant and visually appealing. You can store your image as an asset in your project folder or link back to the source on the web. The link should be clickable, but the image doesn't need to be.

   a) You can use **SSH** or putty to upload your "**index.html**" file
   b) http://ksuweb.kennesaw.edu/~ashaw8/sshsecureshellclient-3.2.9.zip
   c) Upload to http://studentweb.kennesaw.edu/~your userID/

e) **A few weblink Sample**: You can right click on the page, click on the **View Source page** to use and make your own page.
- http://studentweb.kennesaw.edu/~bbarbu/web/
- http://studentweb.kennesaw.edu/~besmaei2/
- http://studentweb.kennesaw.edu/~nkalathi/

Sample Webpage

http://ksuweb.kennesaw.edu/~snorth/   http://studentweb.kennesaw.edu/~snorth/

1. **Download File Transfer Protocol Software Instructions**
   SSH Download from http://ksuweb.kennesaw.edu/~ashaw8/sshsecureshellclient-3.2.9.zip

Upload your page.htm to server site *(make sure change the name as **index.html**)* **to your** http://studentweb.kennesaw.edu/~ksunetID/

- For web publishing software to transfer your index.html file, we **recommend**
  - **WinSCP for students using PCs** https://winscp.net/eng/download.php

    Windows: The documentation for WinSCP is https://winscp.net/eng/download.php
    Instruction via KSU
    https://apps.kennesaw.edu/files/pr_app_uni_cdoc/doc/WinSCP_Publishing_a_Website.pdf

    Mac: The documentation for CyberDuck is https://winscp.net/forum/viewtopic.php?t=6258
    Instruction via KSU https://apps.kennesaw.edu/files/pr_app_uni_cdoc/doc/Cyberduck.pdf

    KSU Service Desk
  - Telephone: 470-578-6999
  - Email: service@kennesaw.edu

  - **SSH** (Secure File Transfer) **Server site**
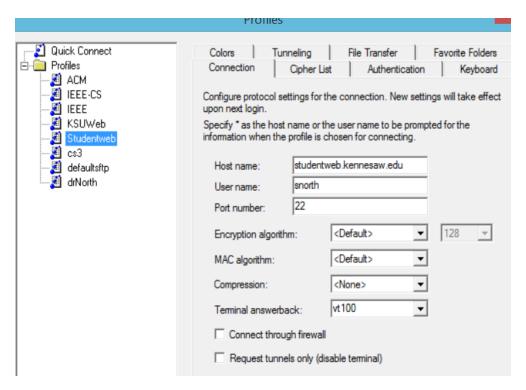 - http://ksuweb.kennesaw.edu/~ashaw8/sshsecureshellclient-3.2.9.zip

Using SSH, your page can be published to the **studentweb.kennesaw.edu** server

- Host name: **studentweb.kennesaw.edu**
- User name: **KSU Netid**
- **Port Number**: **22**

- Then windows pop in asking you for your **KSU Password**

2. **Assignment_2** – **Write a simple Python Program "***Hello CS 4720, your Full Name, A few things about you* **" code** in Python (IDLE) Shell 3.8.5 or any other version https://www.python.org/downloads/ or Pycharm and submit **Assignment_2.py** file
   - o **Download Python and IDE Pycharm**
   - o To **download** and **install Python** https://www.python.org/
   - o To **download** and **install Pycharm** https://www.jetbrains.com/pycharm/
   - ▪ **You tube Link –**Download Python and Pycharm https://www.youtube.com/watch?v=qSJvVAC8uc8&t=72s

3. **Assignment_3 - Create notepad file** and include **HTML/Scripts codes that represent .css codes**. Submit Assignment_1.css file – Please refer to File on the Mod_1 Attached File "Introduction to CSS.
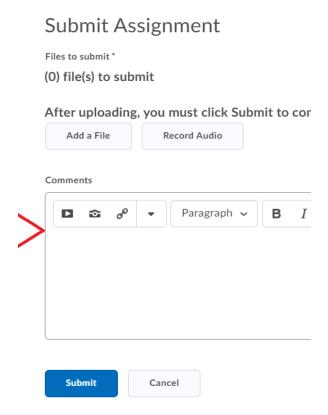
Criteria for Success:
Please see criteria below for your finish product as you are working on the tasks. Please apply the specification and apply your creativities on tasks listed below in your Webpage and Scripts if applicable. A desirable webpage can be with the
- Colors that doesn't overwhelm the texts, other web links, viewer, etc.,
- Fonts sizes needs to be readable;
- Pictures can be aligned and very similar;
- Web links needs to accessible and visible;
- Your MS Word .doc report needs to have proper title for each screenshots and sources code in BOLD and/or tables, etc.
- Remember, your creativity is open-ended.

Deliverables:

After completion, students must submit the following deliverables through D2L Mod_1 assignment drop box by the deadline:

1) **Report Submission using MS Word .doc**
   Your Source CODEs (".html", ".css", and ".py") must be submitted **within your report** using MS Word .doc, so that I can compile and run it in my environment using MS Word .doc.
   (a) Provide your weblink on D2l -Mod_1- Assignment

2) **Please submit the files separately with .extension below** *in* **.zip compressed file.**
   a. ***Assignemnt_1.html;*** *(Go to notepad, create your html page and upload to student web)*
   b. ***Assignment_1.css;*** *(Go to notepad and inset a few codes of .css)*
   c. ***Assignment_1.py;*** *(Go to Python Shell (IDLE) or Yycharm and write a few lines of Python "Hello World"), etc.*
   d. ***URL - Weblink of your webpage address*** http://studentweb.kennesaw.edu/~ksunetID/

   a. **Provide your URL** (*Webpage address on the Mod_2 Assignment Dropbox Comments area*);
      http://studentweb.kennesaw.edu/~ksunetID/

Submit Assignment

Files to submit *

(0) file(s) to submit

After uploading, you must click Submit to cor

| Add a File | Record Audio |

Comments

[▶ ☷ ⌀ ▾] [Paragraph ▾] [B *I*]

| Submit | Cancel |

3) **Upload/FTP** (File transfer Protocol) **your index file to server site** *(make sure change the name as index.html)* to your http://studentweb.kennesaw.edu/~ksunetID/
   Note*: You can use **SSH or WinSCP Download software** on Mod_1 Folder.*