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**Due** Sep 2 by 11:59pm      **Points** 100  
**Available** Aug 20 at 12am - Sep 2 at 11:59pm 14 days

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This assignment was locked Sep 2 at 11:59pm.

## Module 1 Assignment

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### Purpose

Students will create their first HTML pages, which will prepare them for success throughout the remainder of the course.



### Related Module Objectives

This assignment satisfies Module Objectives 1, 2, 3, 4, 5, 6, 7 and 8.



### Possible Points

This assignment is worth a maximum of 100 points.



### Important Notes

Although this assignment may be the first web pages students create in this course, it is critical that students develop a strong understanding of how to perform each of the following tasks:

- Access the [Course Web Server](#)
- Viewing your [ePortfolio in a web browser](#)
- Create and edit files
- Create folders
- Upload files such as images to the Course Web Server
- Create a web page using HTML and CSS
- View a web page on the Course Web Server



## Required Tools

Students will be required to use one or more of the following tools to earn a passing grade on the module assignment. Each of the tools listed below can be downloaded for free or already exist in the indicated operating system.

- Web browser (Chrome or Firefox recommended)
- Basic text editor
  - Notepad++ (Windows)
  - TextEdit in plain-text mode (Mac OS)
  - pico or vi (Linux)
- Secure Shell (SSH) client
  - PuTTY (Windows)
  - ssh (Mac OS and Linux)
- File transfer tool (must support SFTP via SSH - **DO NOT USE FTP**)
  - WinSCP (Windows)
  - CyberDuck (Mac OS)
  - sftp (Linux)



## Warnings

Students must complete this assignment without the assistance of third-party development tools or frameworks such as jQuery or Bootstrap. Assignments that appear to be the product of third-party development tools or frameworks (professor's discretion) will receive **0** points.



## Directions

- 🔊 Review the requirements listed in the Assignment Requirements section
- ✍ Create a web page that meets all of the stated requirements
- 📅 Complete the assignment before the due date (refer to the Course Schedule)
  - Note: Students will not submit anything to Canvas.



## Assignment Requirements

### Preliminary Tasks

- Log onto the [Course Web Server](#)
- Create a folder called **images** in the **module1** folder
  - Store all of the pictures used in your web pages for this assignment in the **images** folder
    - Use **relative** URLs to access the pictures
- For all the web pages created for this assignment
  - Hyperlinks to **pages outside the web server** (i.e., Wikipedia.org) should open the linked pages in a **new** browser **tab** or **window**
    - All other hyperlinks should open the linked pages in the **same** browser **tab** or **window**
- An automatic **10-point (10%) penalty** will be assessed for any **disorganized** pages.

### Personal Web Page (20 points)

Create a **Personal** web page using the filename **index.html** in the **module1** folder.

- Give the page a title such as **Welcome to My Webpage**
- Display your name along the top of the page using an **<h1>** tag
- Include an appropriate picture of yourself
  - Select a picture that you would not mind posting on Facebook
  - Select an appropriate size for the picture
- Create **three (3)** sections using **<h2>** tags
  - In each section, include at least **two (2)** paragraphs
    - **About Me**
      - Introduce yourself to the reader, and provide some interesting facts about yourself
    - **Hobbies & Interests**
      - Tell the reader about your favorite hobbies and other interests you have
      - Feel free to include pictures related to your hobbies and interests
        - Limit to **two (2)** additional pictures
    - **Education**
      - Describe your education goals and the institutions you have attended
      - Create an **unordered list** of all the diplomas, degrees and/or certificates you have earned or are working towards
- Include at least **three (3) hyperlinks** throughout the page to articles found on [Wikipedia.org](#)
  - Refer to **Wikipedia.com** for hyperlink examples
- At the bottom of the page, include **three (3) additional** hyperlinks to the **Class Schedule** and **Create Account** web pages (described below) and your **ePortfolio**
  - Use **relative** URLs for the **Class Schedule**, **Create Account**, and **ePortfolio** links

### Class Schedule Web Page (20 points)

Create a **Class Schedule** web page using the filename **schedule.html** in the **module1** folder.

- Give the page a title such as **My Class Schedule**
- Create a **My [Term] [Year] Class Schedule** section at the top of the page using an **<h2>** tag
  - Replace **[Term]** with the current term (**Spring**, **Summer** or **Fall**)
  - Replace **[Year]** with the current year (**2017**, **2018**, etc.)

- Create a **table** to display each class and/or lab you are taking this term
  - Use the following **headers** for the table
    - **Course**
      - Example entry: **COP4813**
    - **Name**
      - Example entry: **Internet Programming**
    - **Days**
      - Example entry: **Monday and Wednesday**
    - **Time**
      - Example entry: **3pm to 4:15pm**
  - In separate rows, list the data for each class and/or lab
    - Display the class data in the appropriate cells
    - For online classes,
      - Merge the **Days** and **Time** cells into a single cell
      - Enter **Online** in the merged cell
  - Include a **hyperlink** to the course description on the **UNF website** for each class in the **Course** column
    - For example, click the following link to view the course description for **COP4813**  
[\(https://www.unf.edu/catalog/link/UGCOP4813C/\)](https://www.unf.edu/catalog/link/UGCOP4813C/)
- Create an **Important Events** section below the table using an **<h2>** tag
- Create a multi-level ordered list
  - Primary level
    - List each of the months of the term
  - Secondary level
    - List each important event occurring during that month
      - Do not include the date of the event
      - You can refer to the **Important Dates** section of the **Course Syllabus**
        - Do not forget other holidays such as Valentine's Day, Independence Day or Veterans Day
        - For **each holiday**, include a **hyperlink** to the appropriate article on **Wikipedia.org**
- At the bottom of the page, include **two (2)** additional hyperlinks to the **Personal** web page and your **ePortfolio**
  - Use **relative** URLs for the **Personal** web page and **ePortfolio** links

### Create Account Web Page (20 points)

Create a **Create Account** web page using the filename **account.html** in the **module1** folder.

- Give the page a title such as **Create an Account**
- Create a **form** that includes the following **controls** (**at a minimum**):
  - Note 1: When the form is submitted, send the data to your **UNF email address**.
    - Refer to the following **w3schools.com example** [\\_\(https://www.w3schools.com/html/tryit.asp?filename=tryhtml\\_form\\_mail\)](https://www.w3schools.com/html/tryit.asp?filename=tryhtml_form_mail)
  - Note 2: Include **labels** for the controls (as necessary).

- **Three (3) text fields**
  - First Name
  - Last Name
  - Email Address
- **Two (2) password fields**
  - Password
  - Confirm Password
- **One (1) date field**
  - Birth Date
    - Restrict the date range to **January 1, 1970** and **December 31, 2020**
    - Set the default value to **October 21, 2015**
- **Four (4) radio buttons**
  - Degree Track
    - Computer Science
    - Information Science
    - Information Systems
    - Information Technology
  - For **each degree track**, include a **hyperlink** to the appropriate page on the [School of Computing \(https://www.unf.edu/ccec/computing/\)](https://www.unf.edu/ccec/computing/) website
  - Note: Do not pre-select one of the options.
- **Eight (8) checkboxes**
  - Programming Language Experience
    - C
    - C#
    - Java
    - JavaScript
    - PHP
    - Python
    - Visual Basic
    - Other
  - For **each language**, except Other, include a **hyperlink** to the appropriate article on **Wikipedia.org**
  - Note 1: Organize into **two (2) columns** of **four (4)** languages each.
    - Vertically align the checkboxes
  - Note 2: Do not pre-select any of the options.
- **Two (2) buttons**
  - Reset
  - Submit
- At the bottom of the page, include **two (2) additional** hyperlinks to the **Personal** web page and your **ePortfolio**
  - Use **relative** URLs for the **Personal** web page and **ePortfolio** links

External CSS File (20 points)

Modify the **site.css** file located in the **public\_html** folder to control the presentation of the **Personal**, **Class Schedule**, and **Create Account** pages.

- **Personal**

- Make the text of each section header (About Me, Hobbies & Interests, and Education) a different color
- Change the text of the unordered list in the **Education** section depending on the education type
  - **College Degree**
  - *High School Diploma*
  - Certificate
- Increase the **text size** of a hyperlink by **150%** when the mouse **hovers** over the link
  - The **text size** should return to normal (**100%**) when the mouse **moves off** of the link

- **Class Schedule**

- **Do not modify** the **text size** of hyperlinks on this page
- For the table,
  - **Center** the text **horizontally**
  - **Stripe everyother** data row
    - Start with the data row **immediately** after the **header row**
    - Set the **color** of the **header row** to a **primary color** other than **black** or **white**
- For the multi-level ordered list,
  - For the **primary level**, use **Arabic numbers** (i.e., 1, 2, 3, etc.)
  - For the **secondary level**, use **uppercase letters** (i.e., A, B, C, etc.)

- **Create Account**

- **Do not modify** the **text size** of hyperlinks on this page
- Use **custom radio buttons** for the Degree Track,
  - Set the **background** of the **selected** radio button to **green**
  - Set the **background** of the **unselected** radio buttons to grey
- Use **custom checkboxes** for the Programming Language Experience,
  - Set the **background** of the selected checkbox to **blue**
  - Set the **background** of the unselected checkboxes to grey

### ePortfolio Page (10 points)

Update your **ePortfolio** web page (**index.html**) in the **public\_html** folder.

- Replace the text **[student name]** with your **first name**
- Create a hyperlink using the existing text **Module 1** to open your **Personal** web page
  - Use a **relative** URL for the **Personal** web page link

### Reply to the Form Submission (10 points)

Note: You will complete this portion of the assignment after the assignment due date.

- While grading your assignment, I or one of my graders will complete and submit the **Create Account** form

- If you configured the form properly, you will receive an email containing the values submitted by me or my grader
- Simply **reply** to the email within **24 hours**