

COMP 4900

Training Module #2

HTML, CSS and Personal Website

Objective

The objective of the assessment is to demonstrate the typical design of a personal website. Additionally, the assessment is intended for revising the basic knowledge of HTML and CSS, and the website deployment on GitHub Pages.

Overview

There are 3 files in the attachment:

1. assets/
 - o Grid-2x2.svg
2. index.css
3. index.html

In the assessment, you may need to include extra files. Those files can be put in the `assets` directory. Most of the tasks will be done in `index.css` and `index.html`, and the tasks are marked with `/* TODO #: ... */` or `<!-- TODO #: ... -->`. There are some advanced HTML and CSS techniques that are not introduced in the training module, and those contents do not require further development. Therefore, you may leave them unknown for simplicity.

Submission

Deadline: Nov 30, 2025 (Sun) 11:59pm

Submit the link of your GitHub Pages on Canvas.

Preview

Upon completion, the layout is similar to the following screenshots.

A screenshot of a web browser window titled "COMP 4900 Fall 2025". The page has a light gray background with a grid pattern. At the top, there are two dark green header bars. The left bar contains a user icon and the name "Daniel". The right bar contains a GitHub icon. Below the headers, the content starts with a section titled "Hey, I'm Daniel" with the subtitle "UGTA of COMP 4900 (Fall 2025)". To the right is a large, empty placeholder box with a user icon. A horizontal line separates this from the "About" section. The "About" section contains a placeholder text block. Another horizontal line follows. The "Skills" section is shown with two buttons: "HTML" and "CSS". A third horizontal line follows. The "Contact" section is shown with a placeholder "username". A final horizontal line at the bottom contains the text "An assessment for COMP 4900 (Fall 2025)".

A screenshot of a web browser window titled "COMP 4900 Fall 2025", showing a mobile-optimized version of the resume. The layout is similar to the desktop version but adapted for a smaller screen. The "About", "Skills", and "Contact" sections are present, along with the footer message "An assessment for COMP 4900 (Fall 2025)".

Part 1: HTML

TODO 1: Add a favicon and a title

Based on the HTML elements introduced in the training module slides, add a favicon and a title in `<head>` that can be shown on the tab bar of a browser. You may have the favicon in the `assets` directory, or you may include it from an external source.

TODO 2: Add an logo and a name

Use a correct attribute to include a logo for the ``. Then, type your name / nickname in the placeholder. You may have the logo in the `assets` directory, or you may include it from an external source.

TODO 3: Add the URL to your GitHub Pages repository

Based on the procedure of creating a GitHub Pages repository introduced in the training module slides, include the link to the repository (NOT the viewable website) with a correct HTML attribute.

TODO 4: Complete the hero section

Fill in the placeholders accordingly. The content can be customized. Then, replace the 2 `` elements with 2 different HTML tags. For ``, include an avatar image with the correct HTML attribute. You may have the avatar in the `assets` directory, or you may include it from an external source.

TODO 5: Complete the about section

Replace the placeholder provided. You may write your own content, or use dummy text.

TODO 6: Complete the skill section

Refer to the examples given and the defined styles in section 5c of `index.css`, elaborate more skills (i.e. at least 3 skills including the provided examples) using HTML elements. You CANNOT crop the example entries provided as images and append them.

TODO 7: Complete the contact section

Write your ITSO account name in the placeholder given. Adding extra contact is acceptable but optional.

Part 2: CSS

TODO 8: Assign a selector to the related CSS block

Fill in the selector based on the function of the incomplete CSS block, which provides some basic styling to all elements.

TODO 9: Complete the media query list

There are 3 missing media query lists. Fill in an appropriate rule to support responsive design. There are several possible values, but you would like to keep them with the same value.

TODO 10: Append a pseudo-class selector

Fill in a pseudo-class selector so that when the links in the navigation bar are being hung by the cursor, the style stated will be applied.

TODO 11: Adjust layout of the containers

There are 2 <div> containers that have to be styled to arrange the child elements horizontally. Declare a CSS property to apply the design.

TODO 12: CSS rule design

Design a CSS rule to style the horizontal lines between sections. Give appropriate space against the 2 neighbour sections, and style the border to be thicker.

TODO 13: Assign a selector to the related CSS block

Fill in the selector to increase the line height of the text content. The line height of headings or functional elements should NOT be changed.

Part 3: GitHub Pages

TODO 14: Push the website files to GitHub Pages

Upload the completed website documents and necessary assets to the GitHub Pages repository.
You may refer to the training module slides for the detailed steps.

END