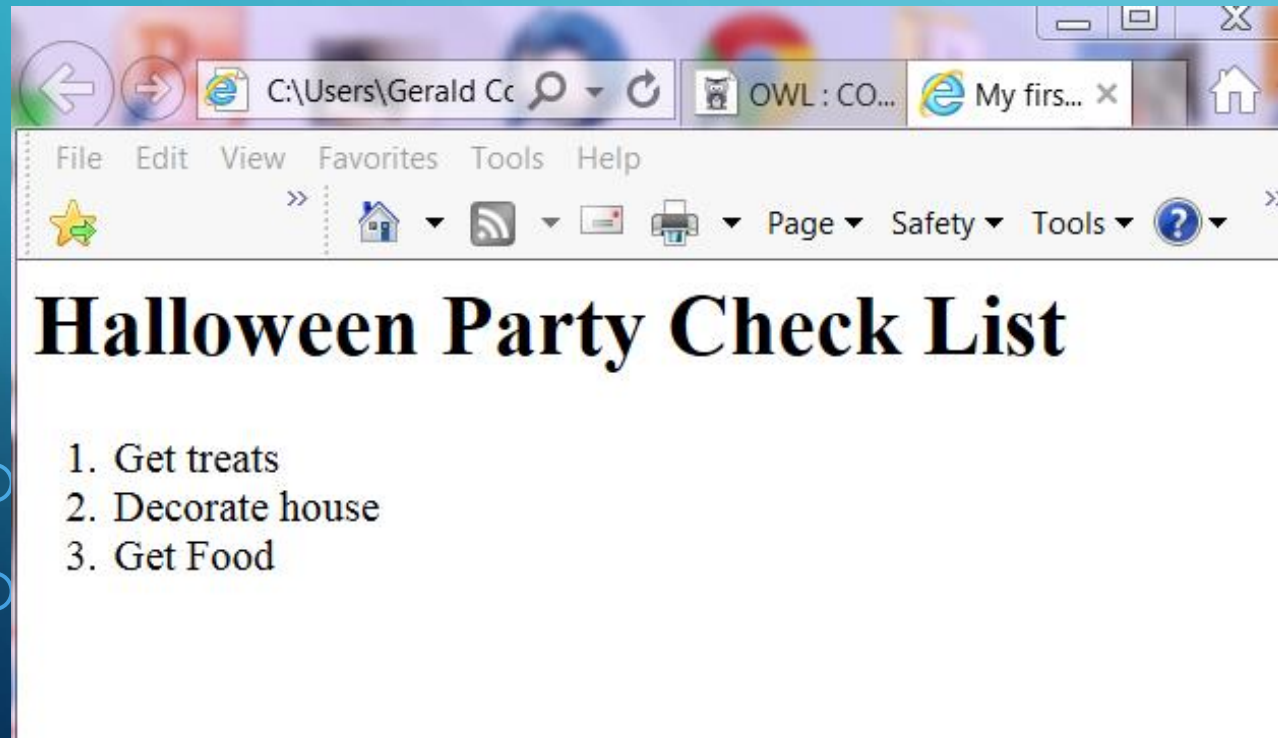# WEEK 7

INTRODUCTION TO HTML

STUDENT OBJECTIVES

- Upon completion of this video, you should be able to:
  - Create a simple static webpage using HTML
  - List and identify the purpose of at least 5 HTML tags
  - Create a link, an image, an object and a heading in HTML

WEBPAGES - HTML

- Webpages written in HTML
- HTML tags (usually sets of two: opening tag and closing tag)
- To do assignment 3 you need to know a bit of html
- Example: *halloween.html*

HTML TAGS

- Tags – usually opening and closing:
  - E.g. \<html\> and \</html\>
  - \<ol\> and \</ol\>
  - \<li\> and \</li\>

- Close tags in a nested manner:

  \<p\>This is a \<b\>paragraph\</b\>\</p\> NOT

  \<p\>This is a \<b\>paragraph\</p\>\</b\>

- If no closing tag, then put a / at the end, e.g.
  - **\<img src="http://www.uwo.ca/cat.jpg" width="100" height="200"/\>**

10/24/2023   4

HTML REVIEW

- First 2 tags are:
  <!DOCTYPE html>   *(tells what version of html)*
  <html>

- Last tag is </html>

- There are 2 sections: head (orange) and a body (purple):

<!DOCTYPE html>
<html>
<head>
<title>A simple page</title>
</head>
<body>
<h1>My first web page</h1>
<p>another paragraph</p>
</body>
</html>

USEFUL HTML TAGS

- Main things you can do with html:
    - Format (make headings, paragraphs, lists)
        - \<h2>A pretty big heading\</h2>
    - Create links →
        - \Click Here\
    - Add images →
        - \<img src="http://uwo.ca/dog.jpg" width="200">
    - Add objects like:
        - Text boxes →
            - \<input type = "text" id = "myText" value = "text here" />
        - Buttons (Radio, Checkbox, etc)
            - \<button type="button" id="but1">Click Me!\</button>

HTML PRACTICE

- Just creates static pages (can't check if the user entered incorrect data like an invalid phone number… JavaScript can do this)

- Just need an ASCII editor to build a webpage in HTML like Notepad (but there are better editors like Code Writer too!)

- HELP: Here is a great site to get the syntax of for HTML tags:

  https://www.w3schools.com/html/

- **EXERCISE**: Create a file in a text editor with the extension .html

  - E.g. house.html

  - If it will be the first(home) page, call it index.html

  - Make it have one link, one image, one heading, one object (using input type) and one paragraph

10/24/2023   7