WEEK 7
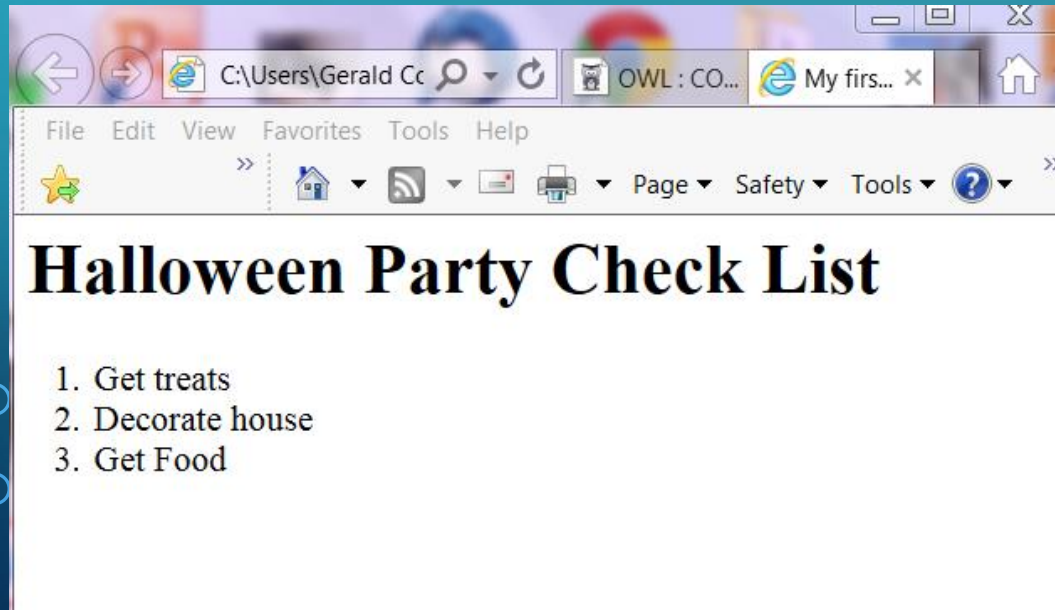
INTRODUCTION TO HTML

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 *since 1990*
- 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*

Halloween Party Check List

1. Get treats
2. Decorate house
3. Get Food

```
ge</title>

 Check List</h1>

/li>
```

HTML TAGS

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

- Close tags in a nested manner:

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

    <p>This is a paragraph</p>

- If no closing tag, then put a / at the end, e.g.
    - ****

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):

not show up. →

<!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 → *anchor*
    - \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