# HTML Essentials

*Debugging HTML*

# Overview

1. **Syntax error**
2. **Logic error**
3. **Dom inspector**
4. **HTML Validator**
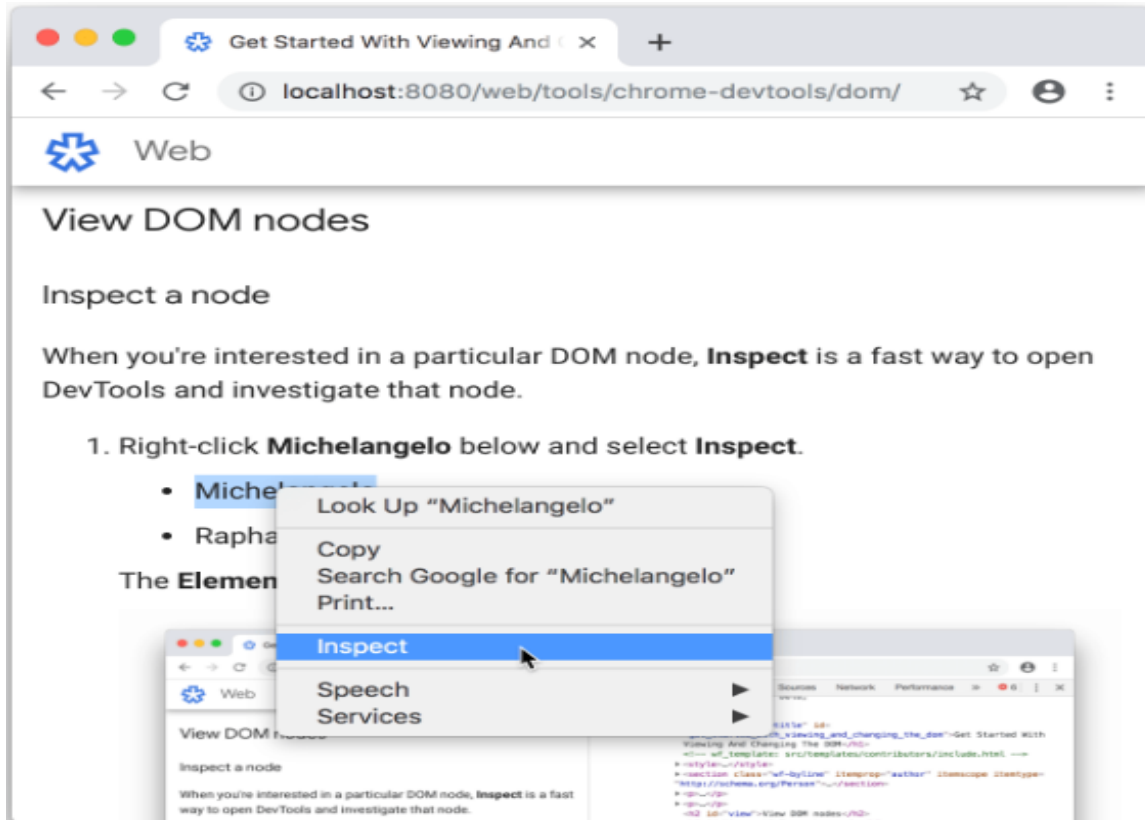
➢ There are two main types of error that you'll come across:

- **Syntax error**: Relate to spelling errors in your code.
  Easy to fix as long as you are familiar with the language's syntax and know what the error messages mean.
- **Logic error:** The syntax is actually correct, but the code is not what you intended it to be so the program runs incorrectly
  Often harder to fix than syntax errors, because there isn't an error message to direct you to the source of the error.

# 2. DOM Inspector
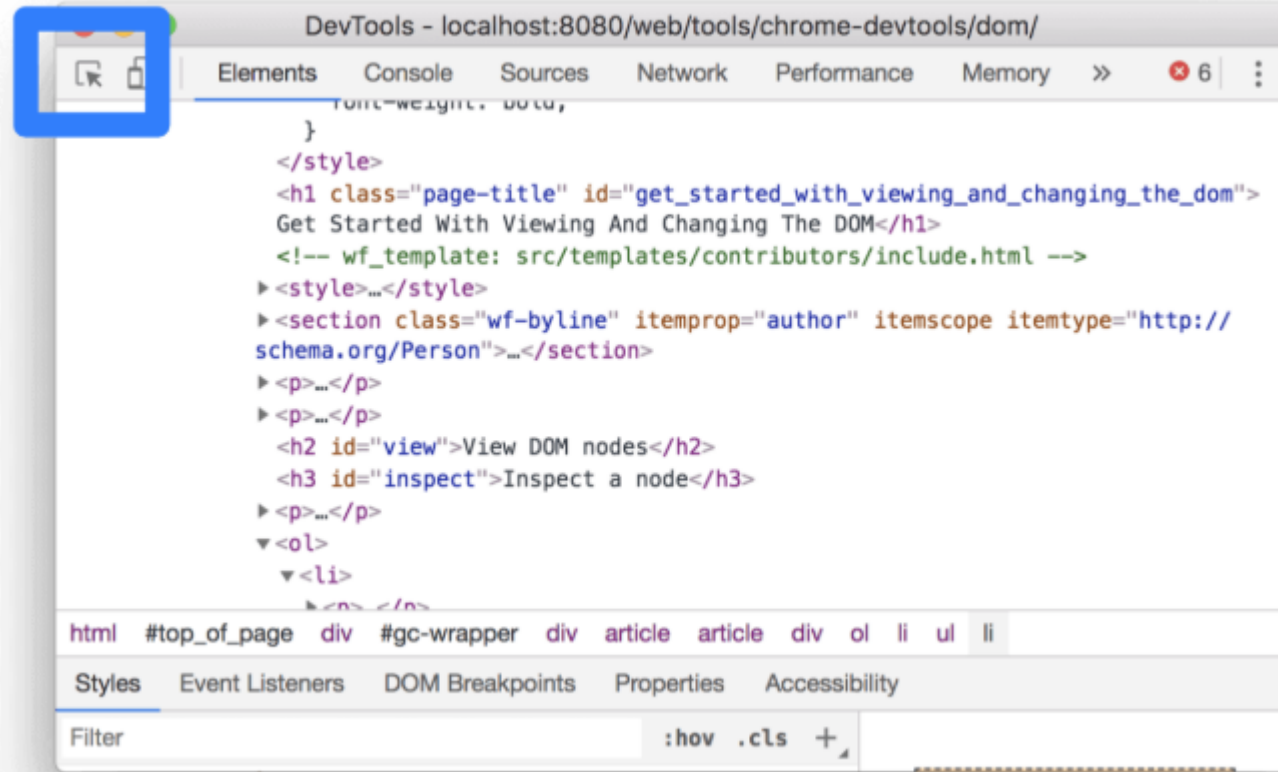
➢ **Dom Inspector:** A developer tool used to inspect, browser, and edit the Document Object Model of documents - usually web pages

➢ Basic actions of the DOM Nodes viewer:

  ✓ Selecting elements by click

  ✓ Searching for Nodes in the DOM

  ✓ Updating the DOM Dynamically
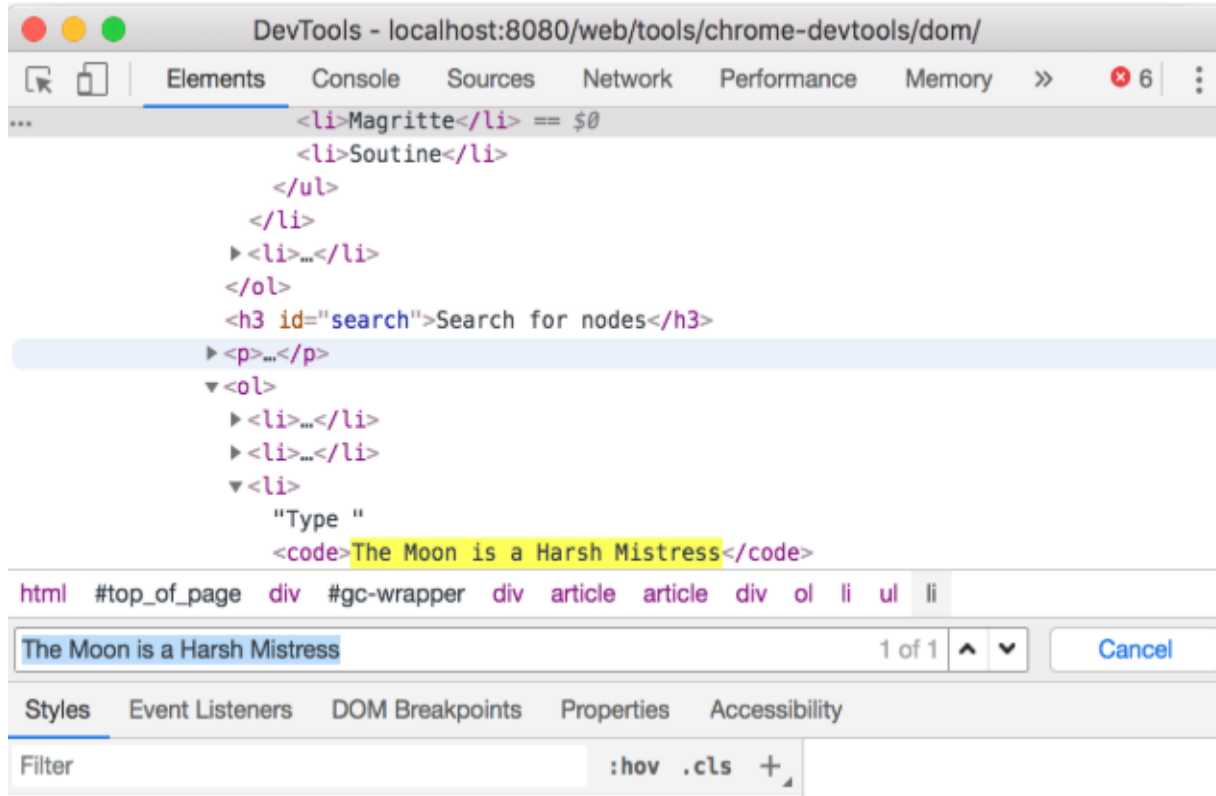
# 2. DOM Inspector



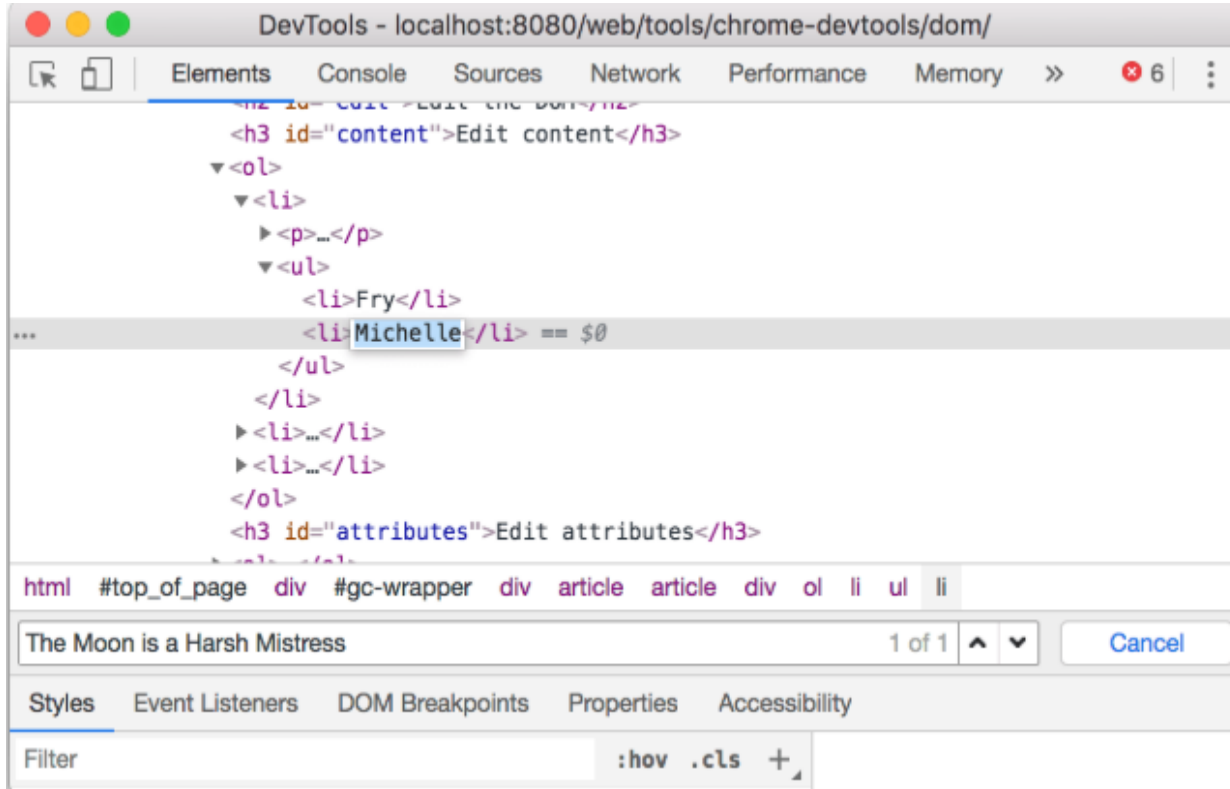=> Right click on the web page to use Dom Inspector

# 2. DOM Inspector



=> Click to choose the node

# 2. DOM Inspector



=> Press Control+F, Type to the search bar at the bottom of the DOM Tree
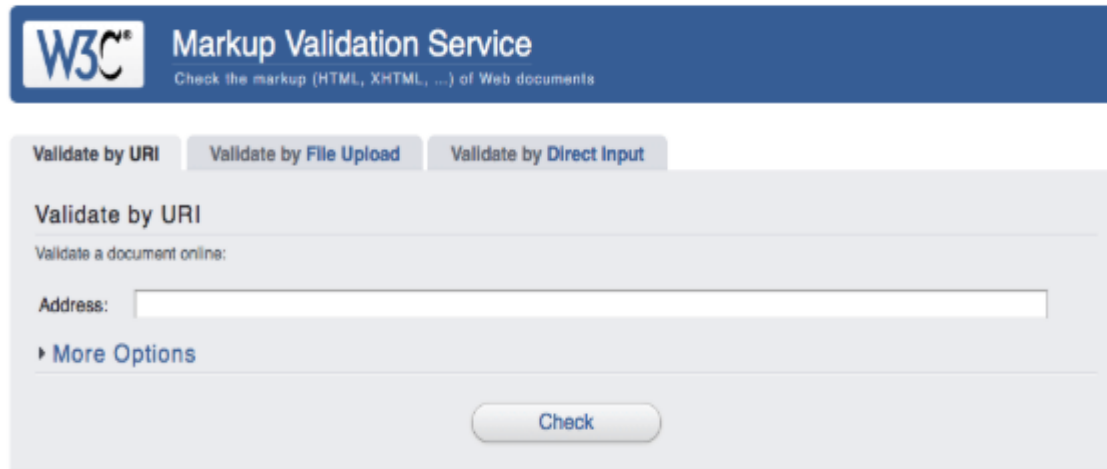
# 2. DOM Inspector



=> Double click to the content or the tag to edit then press Enter to confirm the change

# 3. HTML Validator

➤ **HTML Validator:** We can check error for our HTML Document by running your HTML page through the Markup Validation Service via

https://validator.w3.org/

# Thank you