

### Assignment 1

#### Introduction

The purpose of this assignment is to provide you with hands-on experience with **HTML5, Accessibility Content Management, SEO and Publishing**. This is an individual assignment. I will be checking for borrowed or copied assignments. All work is to be done from scratch, you may not use any templates or other assistance. This assessment is out of **55 marks total and worth 10% of your final grade**. Assignment 2, 3, & 4 depends on the completion of assignment 1.

#### Task:

Create a web page on a famous/historical person of your choice. Use well-formed HTML5 structure including use of semantic elements. The following are the minimum requirements:

- **HTML5**
  - Write your name and student number as an HTML comment at the top of the index.html page (1mark)
  - Nest in the Body
    - The semantic elements: header, main, aside, footer(1mark)
  - **Nest in the Header**
    - heading (h1) (1mark)
  - **Nest in the Footer**
    - paragraph with copyright information (hint: use a special character). (1mark)
  - **Nest in the Main**
    - 4 section elements to logically group/separate element. (1mark)
    - Each section should have Headings (h2, etc.) (1mark)
    - Give each section element a unique id attribute (1mark)
  - **Nest in one per section**
    - A Biography paragraph using a blockquote element. (1 mark)
      - Include a cite attribute (1 mark)
      - Use of a presentation element. (1 mark)
    - A figure element (1 mark)
      - Nest a Relative path image (1 mark)
      - Nest a figcaption (1 mark)
    - A famous quote using q element. (1 mark)
      - Include a cite attribute and a cite element. (2 marks)
    - A video (2 marks)
  - **Nest in the Aside**
    - 2 section elements to logically group/separate element. (1mark)
    - Each section should have Headings (h2, etc.) (1 mark)
    - Give each section element a unique id attribute. (1 mark)
  - **Nest one per section**
    - **An unordered list of 3 links to external sites (4 marks)**

- Each link should open in a new tab. (1 mark)
  - Each link should have a title attribute. (1 mark)
- **A contact forms.**
  - Includes 2 input elements. (2 marks)
  - Textarea (1 mark)
  - Dropdown (1 mark)
  - 1 HTML5 element (1 mark)
  - submit button (input) (1 mark)
  - Ensure each element has a label and is associated using the for attribute. (2 marks)
  - Add the form control the class 'form-control' to all form elements and the class 'form-label' to all the labels elements. (2 marks)
  - Add the following attributes to a minimum of one form element: required, placeholder, autofocus, selected. (2 marks)
- **Content Management**
  - Separation of concerns – images, etc. (1mark)
  - Proper indentation and formatting of the HTML. (2 marks)
- **Search Engine Optimization**
  - Minimum of 2 SEO meta tags (1 mark)
  - Title element - should accurately describe the page's content. (1 mark)
  - Image should have sufficient alternative text. (1 mark)
  - Proper use of semantic elements (1 mark)
  - Proper use of headings (1 mark)
- **Accessibility**
  - Image alternative text (1 mark)
  - Proper use of semantic elements (1 mark)
  - Proper use of headings (1 mark)
  - Run the Firefox Accessibility Keyboard test and capture a screenshot. (1 mark)
  - Run the Firefox Accessibility Label test and capture a screenshot. (1 mark)
- **Publishing**
  - Create a Git Repository and take a screenshot of the Git Bash terminal. (1 mark)
  - Successfully use Git to push files to GitHub repository and publish your page to the web using GitHub **(4 marks)**

### Deliverables

- 1 Document (.txt,.doc,. dox, or .pdf) containing screen shots with labels. (Do not put in a Zip folder).
- Compressed zip folder containing all code files.
- Link to Website

### Mahatma Gandhi

#### Biography

**Mahatma Gandhi**, was born in 1869 in Gujarat, India. Gandhi studied law at the Inner Temple in London. After unsuccessfully attempting to practise in India, he moved to South Africa in 1893, where he stayed for 21 years. It was in South Africa that Gandhi first used tactics of non-violent resistance to campaign for civil rights. This activism gained Gandhi the title Mahatma, meaning 'great soul'.



Gandhi in 1931

#### Quote

"An eye for an eye will leave the whole world blind."  
—*Mohandas Gandhi, n.d.*

#### Video



#### Resources

- [British Library](#)
- [Wikipedia](#)
- [Britannica](#)

#### Contact

Full Name   
Email   
Phone   
Preferred method of contact    
Message   
☐ I am not a robot

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