# Section 1 – First steps

## High-level overview of Web Development

Static website 🡪 Upon request to the server, the website assets are sent to browser as it is

Dynamic website 🡪 Upon request to the server, the backend will assemble the website’s assets and then send to the browser

# Section 2 – HTML Fundamentals

## Document Structure

<!DOCTYPE html> <=== Declare that this document is using HTML

<html> <=== A HTML element to contain all the stuff the HTML doc should have

<head></head>

<body></body>

</html>

## Text elements

|  |  |
| --- | --- |
| <h1> to <h6> | Helps to break up text content into sections  Has head from size h1 to h6 (Descending size)  Good practice to have only 1x h1 heading |
| <p> | Paragraph of text |
| <b> OR <strong> | b: bolding text content (OLD WAY OF BOLDING)  strong: same as b (NEW WAY, makes more semantic sense) |
| <i> OR <em> | i: italicise text content (OLD WAY)  em: same as i (NEW WAY, makes more sematic sense) |
| <ol> | Ordered list |
| <ul> | Unordered list |
| <li> | List item |

## Semantic HTML

A way of writing HTML whereby each HTML element is writing with the appropriate tag with a proper meaning. This allow clear communication of each element’s meaning to the developer, browser, and users.

* Improve accessibility as text to speech programs make use of the HTML tags to recognize contents