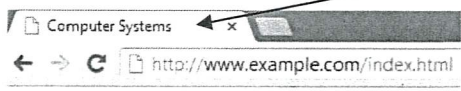


HTML stands for **HyperText Markup Language**. It is used to write web pages that are then delivered through the Internet via **HTTP (HyperText Transfer Protocol)**. The idea of HTML was that text would be **marked up** to describe the features of the text. A **web browser** would then interpret this however it saw as appropriate. For **styling and formatting** a different language called **CSS (Cascading Style Sheets)** is used.

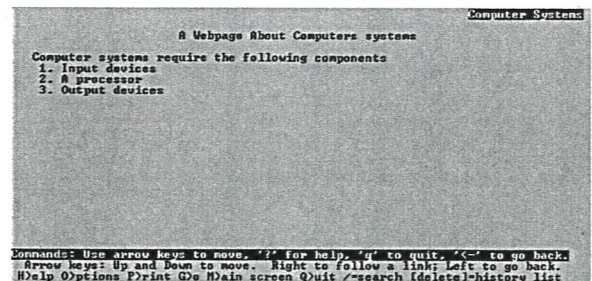
HTML describes text by placing a **start tag** and **end tag** either side of it. For example, to start and end a paragraph the `<p>` and `</p>` tags are used around it.

Browser output	HTML	Explanation
 <p><b>A Webpage About Computers systems</b></p> <p>Computer systems require the following components</p> <ol style="list-style-type: none"> <li>1. Input devices</li> <li>2. A processor</li> <li>3. Output devices</li> </ol>	<pre> &lt;!doctype html&gt;  &lt;html&gt;   &lt;head&gt;      &lt;title&gt;Computer     Systems&lt;/title&gt;    &lt;/head&gt;   &lt;body&gt;     &lt;h1&gt;A Webpage About     Computers systems&lt;/h1&gt;     &lt;p&gt;Computer systems     require the following     components&lt;/p&gt;     &lt;ol&gt;        &lt;li&gt;Input       devices&lt;/li&gt;       &lt;li&gt;A processor&lt;/li&gt;       &lt;li&gt;Output       devices&lt;/li&gt;     &lt;/ol&gt;   &lt;/body&gt; &lt;/html&gt; </pre>	<p>The doctype explains the html version used. This is using HTML 5</p> <p><code>&lt;html&gt;</code> starts a webpage</p> <p><code>&lt;head&gt;</code> starts the head which has information about the webpage</p> <p><code>&lt;title&gt;</code> is the title displayed on the browser window or tab</p> <p><code>&lt;/title&gt;</code> ends the title.</p> <p><code>&lt;/head&gt;</code> ends the head</p> <p><code>&lt;body&gt;</code> starts the web page itself</p> <p><code>&lt;h1&gt;</code> is a heading at the largest size</p> <p><code>&lt;/h1&gt;</code> ends the heading</p> <p><code>&lt;p&gt;</code> starts a paragraph</p> <p><code>&lt;/p&gt;</code> ends a paragraph</p> <p><code>&lt;ol&gt;</code> starts an ordered (numbered) list</p> <p><code>&lt;li&gt;</code> starts a list element</p> <p><code>&lt;/li&gt;</code> ends a list element</p> <p><code>&lt;/ol&gt;</code> ends the ordered list</p> <p><code>&lt;/body&gt;</code>ends the body of the webpage</p> <p><code>&lt;/html&gt;</code>ends the webpage</p>

## A Webpage About Computers systems

Computer systems require the following components

1. Input devices
2. A processor
3. Output devices



## A Webpage About Computers systems

Computer systems require the following components

1. Input devices
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As HTML describes the text, different web browsers can **render** the webpage differently. Above is a text only web browser; to the left are browsers set to **accessibility** and **high contrast** modes. HTML can even be spoken with **speech synthesis** for those who are blind.

1. What does HTML stand for? \_\_\_\_\_ [1]

2. A user views web page with what software? \_\_\_\_\_ [1]

3. Match the following start tags on the left to explanation of what they do on the right.

- <html>
- <h1>
- <head>
- <p>
- <title>
- <doctype>

- Starts a new paragraph
- Explain which HTML version is being used
- Starts a new webpage
- Starts a new heading
- Used for elements such as titles, scripts and meta information
- Starts the title that will be displayed in the browser window

4. Which two elements are used to make an ordered list? Tick **two** boxes.

- UL  OL
- LI  TR

5. Web pages are delivered to browsers using which protocol? \_\_\_\_\_ [1]

6. Web pages are written in HTML. What language is the formatting and layout written in? \_\_\_\_\_ [1]

7. Each of the following questions refers to the HTML shown on the left. [1]

```

1 <html>
2 <head>
3 <title>Example</title>
4 </head>
5 <body>
6 <h>Consoles</h>
7 <ol>
8 <li>Sega Megadrive</li>
9 <li>Sega Saturn</li>
10 <li>Sony
11 PlayStation</li>
12 <li>Nintendo
13 Entertainment System</li>
14 <li>SNES</li>
15 </ol>
16
17
18
    
```

- a) What is the HTML missing from line 1? \_\_\_\_\_ [1]
- b) The word "Consoles" in line 7 should be a large heading but there is a mistake. What should the start and end tags be? \_\_\_\_\_ [1]
- c) Which two lines of code start and end the ordered list? \_\_\_\_\_ [1]
- d) How many items will be in the list created? \_\_\_\_\_ [1]

e) What text will appear on the browser/tab title? \_\_\_\_\_ [1]

f) What HTML is missing from line 17? \_\_\_\_\_ [1]

g) What HTML is missing from line 18? \_\_\_\_\_ [1]

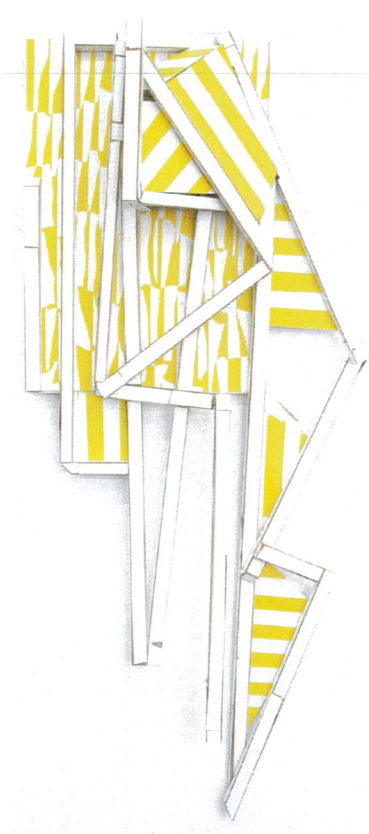
h) Which of the following will be the output of the HTML for the list? Fill in one circle below for the correct output. [1]

1. Sega Megadrive
2. Sega Saturn
3. Sony Playstation
4. Nintendo Entertainment System
5. SNES

- Sega Megadrive
- Sega Saturn
- Sony Playstation
- Nintendo Entertainment System
- SNES

## Year 8 Art Homework 4:

Inspired by the work of Clemens Behr, use lines and geometric shapes to create a design for a wall mounted sculpture in the space below. Add colour or tone to your work for visual effect.



Name:

Class:

