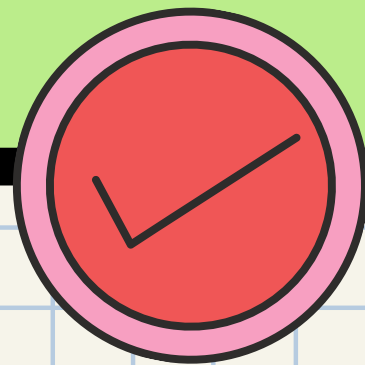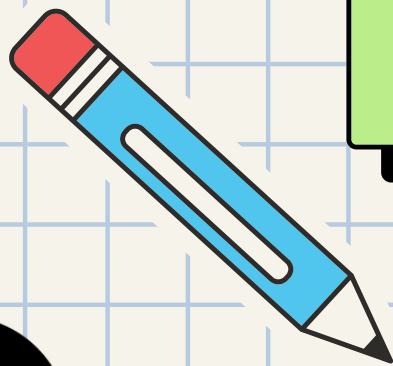Introduction to HTML

HTML Stands for

Hyper Text Markup Language

- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD
<html>
<head>
    <meta name="TITLE" content=
    <meta name="KEYWORDS" content=
    <meta name="DESCRIPTION" content=
    <link rel="stylesheet" type=
    <script language="javascript"
```

$2 + 3 = 5$

`<h1> Hello </h1>`
`<p> Hello </p>`

Proofreading marks (left panel):

Mark	Meaning	Example
⊢—⊣	delete a word	Apples are so good.
/	delete a letter	Appples are good.
⌣	close up space	Ap ples are good.
⌒	delete and close up	Appples are good.
⋏	insert something	Aples are good.
#	add space	Applesare good.
⌃	add a comma	Apples are good too.
⌄	add an apostrophe...	Johns apples are good.
⌄⌄	...or quote marks	Apples are good.
≡	capitalise	apples are good.
—	italicise	Apples are good.
/	make lower case	But Apples are good.
∿	transpose (switch order)	Appels are good.
stet	oops, I made a mistake --ignore this change	Apples are good.

HTML Tags (right panel):

Tag	Description
`<html> ... </html>`	Declares the Web page to be written in HTML
`<head> ... </head>`	Delimits the page's head
`<title> ... </title>`	Defines the title (not displayed on the page)
`<body> ... </body>`	Delimits the page's body
`<h n> ... </h n>`	Delimits a level n heading
`<b> ... </b>`	Set ... in boldface
`<i> ... </i>`	Set ... in italics
`<center> ... </center>`	Center ... on the page horizontally
`<ul> ... </ul>`	Brackets an unordered (bulleted) list
`<ol> ... </ol>`	Brackets a numbered list
`<li> ... </li>`	Brackets an item in an ordered or numbered list
` `	Forces a line break here
`<p>`	Starts a paragraph
`<hr>`	Inserts a horizontal rule
`<img src="...">`	Displays an image here
`<a href="..."> ... </a>`	Defines a hyperlink

The Anatomy of HTML Tags

Opening tag

Closing tag

`<p>`My cat is very grumpy`</p>`

Content

Element

Attribute

`<p class="editor-note">My cat is very grumpy</p>`

[___ = " ___ "]

name   Value