

## Key Vocabulary...

| Term                               | Definition  |
|------------------------------------|---|
| HTML<br>Hypertext Mark-up language | This language is used to make the structure of a webpage and can be thought of a like a skeleton.   |
| CSS<br>Cascading Style Sheets      | Code used to format a webpage and add style to it.  |
| Tags                               | Instructions that are placed inside the <>. To tell the computer what section this is.  |
| Web browser                        | Software needed to view webpages. Examples include Microsoft Edge, Google Chrome and Apple Safari.  |
| DIV tags                           | Code used to split up different parts of the webpage.   |
| Hyperlink                          | Written code on a webpage that lets a user jump to another page or website.   |
| Lists                              | Lists can be ordered or unordered on a webpage. These can be used to make nav bars.   |
| Head                               | The part of the webpage that you don't see which has important information like the title in it. This is important as Google searches here when bringing back results.                |
| Body                               | The bit of the webpage that you can see content on.   |
| Nav Bar                            | A row of buttons, usually at the top of the page that gives options to go to different pages.   |
| Cookies                            | A cookie is a small data file created when you access a website. These can be used to store your personal preferences or log in details, so you don't need to re-enter these details. |

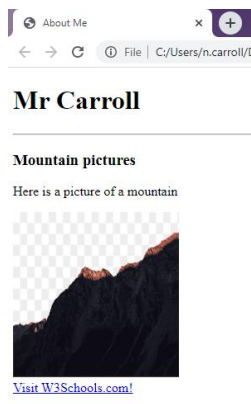
## Picture This...



```

<!doctype HTML>
<head>
  <title> About Me</title>
</head>
<body>
  <h1> Mr Carroll </h1>
  <hr />
  <h3> Mountain pictures</h3>
  <p> Here is a picture of a mountain</p>
  <img src = "mountain.jpg" height="200px"
width="200px" />
  <br>
  <a href="https://www.w3schools.com">Visit
W3Schools.com!</a>
</body>
</html>
  
```

The above code will produce  
this website.  
This can be made using a  
simple text editor.



## Useful Tags



| Tag                    | Purpose  |
|------------------------|--|
| <html><br></html>      | Indicates that you going to write a webpage                              |
| <head><br></head><br>> | This holds the title, style tags and metadata about the page.            |
| <title><br></title>    | This is the title that appears in the browser and search engine results. |
| <body><br></body><br>> | This defines the main section of the webpage.                            |
| <p><br></p>            | Starts a new paragraph   |
| <h1><br></h1>          | Heading tags<br>H1 – largest heading<br>H6 – smallest heading            |
| <br>                   | This is used to create a new line in the webpage.                        |
| <img>                  | This is used to insert an image into the page.                           |

## Questions

1. Define the term cookie.
2. How can you check the trustworthiness of a website?
3. What is personal data?
4. How do you know a webpage is unsafe.
5. What are the purpose of div tags?
6. What does the tag <img>, <p>, <h1> mean?
7. How do you know the difference between a start tag and an end tag?

## Deeper Learning...



The internet is a global network of computers that all computer can join. It is a WAN - which is a series of connected LANs.

The internet is leading to more and more people using cloud computing to store files and use web applications online.

Technologies and services available over the internet include:

- web pages – HTML documents that present images, sound and text accessed through a **web browser**.

**Activity:** Create a visualisation diagram on your favourite website. You must include drawings and annotations.