**W1-S1 - Anatomy of HTML elements**

*SELF STUDY*

## **1 – Learn** with bellow resources

[W3Schools - HTML Basic](https://www.w3schools.com/html/html_basic.asp)

[Ninja-1 Introduction](https://www.youtube.com/watch?v=hu-q2zYwEYs&list=PL4cUxeGkcC9ivBf_eKCPIAYXWzLlPAm6G&index=1&ab_channel=NetNinja)

[Ninja-2 HTML Elements syntax](https://www.youtube.com/watch?v=mbeT8mpmtHA&list=PL4cUxeGkcC9ivBf_eKCPIAYXWzLlPAm6G&index=2&ab_channel=NetNinja)

**2 – Answer** those questions

**Q1 -** What is the purpose of bellow tag in an HTML document?

|  |  |
| --- | --- |
| tag | purpose |
| <!DOCTYPE html> | Tell the document type and the version of html to browser |
| <html> | Root element that holds other html elements in the document |
| <head> | Contain metadata about the document |
| <body> | Contain visible contents on the webpage |

**Q2 -** Create an HTML document that includes

* + - A heading (<h1>)
    - A paragraph (<p>)
    - An unordered list (<ul>) with at three items
    - An image (<img>)

*Copy the code here*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>My web</title>

</head>

<body>

<h1> Welcome to tytygaming webpage </h1>

<p> hi my name is ty u can also call me ash idk im lazy to design this</p>

<p>my hobbies:</p>

<ul>

<li> drawing </li>

<li> photography </li>

<li> sleeping </li>

</ul>

<img src="./cutepic.jpg" alt="mypfp">

</body>

</html>

**Q3 -** What is the difference between **absolute** and **relative** paths in HTML?

*Note : Provide an example of each using the <a> tag to link to a webpage and to link to another file*

**Absolute Path**

* **Definition**: A complete URL that includes the protocol, domain, and full path to the resource
* **Usage**: Linking to external websites or resources on different domains

Example:

<a href="https://www.example.com/about.html">External About Page</a>

**Relative Path**

* **Definition**: A path that is relative to the current file's location
* **Usage**: Linking to files within the same website or project in the document

Example:

<!-- Link to a file in the same directory -->

<a href="contact.html">Contact Page</a>

<!-- Link to a file in a subdirectory -->

<a href="images/photo.jpg">View Photo</a>

<!-- Link to a file in a parent directory -->

<a href="../products/item.html">Product Item</a>