Introduction to Web

[Draw your reader in with an engaging abstract. It is typically a short summary of the document. When you’re ready to add your content, just click here and start typing.]

Access to Computing

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# 1.0 Apply basic HTML tags

## Identify HTML tags that are required to create a simple webpage

Brief Introduction for HTML tags elements

<!DOCTYPE>

Brief comments for this tag

*With coding to support explanation*

<!-- … --> -

Brief comments for this tag

*With coding to support explanation*

<html>…</html>

Brief comments for this tag

*With coding to support explanation*

<head>…</head> -

Brief comments for this tag

*With coding to support explanation*

<title>…</title> -

Brief comments for this tag

*With coding to support explanation*

<style>…</style>

*Brief comments for this tag*

<body>…</body> -

*Brief comments for this tag*

*With coding to support explanation*

<a>…</a>

*Brief comments for this tag*

*With coding to support explanation*

<h1>…</h1>

Brief comments for this tag

*With coding to support explanation*

<p>…</p>

Brief comments for this tag

*With coding to support explanation*

<br>…</br>

Brief comments for this tag

*With coding to support explanation*

<img>

Brief comments for this tag

*With coding to support explanation*

<Div></DIV>

Brief comments for this tag

*With coding to support explanation*

Class ID

Brief comments for this tag

*With coding to support explanation*

# Conclusion

# Bibliography

## Create a simple text-based webpage using HTML tags

Brief introduction

Followed by screenshot of simple text based webpage created in Notepad

This is the code which makes up the simple webpage:

### References of simple text-based webpage (Your own website)

If needed to place here

## Critically compare HTML 4 and HTML 5 and describe the major advantages offered by HTML 5

### 

# Introduction

Brief history for HTML

### HTML 4

Brief history for HTML 4 versus HTMl 5

### HTML 5

Brief history for HTML 5

Application Platform (API)

### *Comparison HTML 4 versus HTML5*

Semantic HTML

### *Comparison HTML 4 versus HTML5*

Simpler Syntax

## Obsoletes Tags in HTML 5

<acronym>, <applet>, <basefont>, <big>, <center>, <dir>, <font>, <frame>, <frameset>, <noframes>, <strike>, <tt>, <u>, <xmp>

### Comparison HTML 4 versus HTML5

Advantages of HTML 5

Header

Footer

Nav

Multimedia elements

Video

Audio

Canvas.

JavaScript

Plugins

Accessibility

Geolocation

HTML 5 – Errors handle

Forms

Local Storage HTML 5 over HTML 4

|  |  |  |
| --- | --- | --- |
| Features | HTML 4 | HTML 5 |
| Error Handling |  |  |
| Geolocation |  |  |
| Etc. |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# Comparison table HTML 4 versus HTML 5

# Conclusion

# Bibliography

# 

# 2.0 Plan and scope the intended layout of a website

## 2.1 Prepare a preliminary site map and storyboard

### Storyboard – Home Page

Screen Name: Home

Screen Number: 1 File Name: index.html

***All the storyboard pages brief description (at least five pages)***

## 2.2 Identify & explain the resources that will be needed to create the website

**User requirements**

**W3C Compliance**

**Rollover images**

**Graphical & Textual Hotspots**

**User Friendly**

**House styles**

**Banner**

**Feedback form**

**Tables**

**Navigation**

**Consistency**

**Accessibility options**

**Copyright**

**Cascading Style Sheet (CSS)**

**Software**

## 2.3 Identify the intended audience and their needs

**Client Needs**

**Brief Description for Each Page**

**Site Name –**

**Homepage etc.**

**Target audience**

**The Website Theme**

# Bibliography

*You are expected to provide a lists for all the resources used to developed the website i.e. images, text etc.*

# 3.0 Create a website using appropriate software

## 3.1 Create and apply a template(s) to a website

Introduction

Below is how the template

Brief comment

Below is the coding for the template page.

## 3.2 Add content to the website

Homepage

Brief explanation

Homepage coding

Brief comment

Etc.

## 3.3 Critically compare the file formats that are available for images and explain which of these should be used on websites and why they should be used.

# Introduction

### JPEG

*Brief description for this graphic*

*Image to support explanation*

### PNG

*Brief description for this graphic*

*Image to support explanation*

### GIF

*Brief description for this graphic*

*Image to support explanation*

### TIFF

*Brief description for this graphic*

*Image to support explanation*

### BMP

*Brief description for this graphic*

*Image to support explanation*

### SVG

*Brief description for this graphic*

*Image to support explanation*

### PSD

*Brief description for this graphic*

*Image to support explanation*

# Comparison of the File Formats

|  |  |  |
| --- | --- | --- |
| Graphic File Format | Graphic file format | Difference |
| JPEG | BMP |  |
| PNG | JPEG |  |
| Etc. |  |  |

# Conclusion

# Bibliography for Image File Format

# 4.0 Upload a website

## 4.1 Upload the website using suitable software

*The below is me setting up my account on www.000webhost.com or* [*www.GEOcities*](http://www.GEOcities) *alternatively your own serve to demonstrate how you can host the website.*

*Setting up the domain name for my website.*

*For examples https://www.000webhost.com/*

*The following image shows that the correct files and folders have been uploaded to* the web hosting site in the /public\_html folder successfully.

The below image is showing the website currently live under the domain name

# Test Plan and Results

Introduction

See Moodle for detail

**General Testing**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Description | Expected Result | Actual Result | Corrections |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |

**Proof that the website works in different browsers:**

Google Chrome:

*Brief description and Screen shot to support your explanation*

Mozilla Firefox:

*Brief description and Screen shot to support your explanation*

Safari:

*Brief description and Screen shot to support your explanation*

Internet Explorer:

*Brief description and Screen shot to support your explanation*

**CSS Testing**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Description | Expected Result | Actual Result | Corrections |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |

### Evaluation

*For this section a brief description – you are expected to discuss at least 3 – 4 paragraphs what when well and what improvement is needed for the website to complete the assignment.*