



DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING

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**Title: Creating, Displaying HTML Pages Using  
Basic HTML tags**

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WEB PROGRAMMING LAB  
CSE 302



GREEN UNIVERSITY OF BANGLADESH

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# 1 Objective(s)

- Learn basic HTML tags
- Design a simple web page using HTML basic tags

## 2 Problem analysis

This manual will help the students to learn the basic HTML tags that will help to create web pages. HTML tags like heading, paragraph, list, link, image, break will help to design a basic web page.

## 3 Implementation in HTML

```
1 //A simple HTML document
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>Page Title</title>
6 </head>
7 <body>
8
9 <h1>My First Heading</h1>
10 <p>My first paragraph.</p>
11
12 </body>
13 </html>
14 Example Explained
15 The <!DOCTYPE html> declaration defines that this document is an HTML5 document
16 The <html> element is the root element of an HTML page
17 The <head> element contains meta information about the HTML page
18 The <title> element specifies a title for the HTML page (which is shown in the
    browser's title bar or in the page's tab)
19 The <body> element defines the document's body, and is a container for all the
    visible contents, such as headings, paragraphs, images, hyperlinks, tables,
    lists, etc.
20 The <h1> element defines a large heading
21 The <p> element defines a paragraph.
22
23 An HTML element is defined by a start tag, some content, and an end tag:
24
25 <tagname>Content goes here...</tagname>
26 The HTML element is everything from the start tag to the end tag:
27
28 <h1>My First Heading</h1>
29 <p>My first paragraph.</p>
30 //HTML Headings
31 HTML headings are defined with the <h1> to <h6> tags.
32
33 <h1> defines the most important heading. <h6> defines the least important
    heading.
34 /Code
35 <!DOCTYPE html>
36 <html>
37 <body>
38
39 <h1>Heading 1</h1>
40 <h2>Heading 2</h2>
```

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```
41 <h3>Heading 3</h3>
42 <h4>Heading 4</h4>
43 <h5>Heading 5</h5>
44 <h6>Heading 6</h6>
45
46 </body>
47 </html>
48
49 //HTML Paragraphs
50 The HTML <p> element defines a paragraph
51
52 //Code
53 <!DOCTYPE html>
54 <html>
55 <body>
56
57 <p>This is a paragraph.</p>
58 <p>This is a paragraph.</p>
59 <p>This is a paragraph.</p>
60
61 </body>
62 </html>
63
64 //HTML links
65 HTML links are hyperlinks. The HTML <a> tag defines a hyperlink.
66 <!DOCTYPE html>
67 <html>
68 <body>
69
70 <h1>HTML Links</h1>
71
72 <p><a href="https://www.green.edu.bd/">Visit Green University</a></p>
73
74 </body>
75 </html>
76 //HTML Images
77 Images can improve the design and the appearance of a web page.
78 The HTML <img> tag is used to embed an image in a web page.
79 The <img> tag is empty, it contains attributes only, and does not have a closing
    tag.
80
81 The <img> tag has two required attributes:
82
83 src - Specifies the path to the image
84 alt - Specifies an alternate text for the image
85 //HTML code
86 <!DOCTYPE html>
87 <html>
88 <body>
89
90 <h2>Alternative text</h2>
91
92 <p>The alt attribute should reflect the image content, so users who cannot see
    the image gets an understanding of what the image contains:</p>
93
94 
95
96 </body>
```

## 4 Input/Output

Output of the program is given below.

**This is heading 1**

**This is heading 2**

**This is heading 3**

**This is heading 4**

**This is heading 5**

This is paragraph

[Green University](#)



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## 5 Discussion & Conclusion

Based on the focused objective(s) to understand about creating a website using HTML the additional lab exercise made me more confident towards the fulfilment of the objectives(s).

## 6 Lab Task (Please implement yourself and show the output to the instructor)

1. Design an interactive website that will apply the basic tags HTML

### 6.1 Problem analysis

This manual shows the basic tags of HTML to design a website.

## 7 Policy

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