

Section 1

HTML :-

Hyper Text Markup
Consist of tags language
`<tag-name>` ----- `</tag-name>`

`<html>`

`<head>`

`<title>` ----- `</title>`

→ title in the tag

`</head>`

`<body>`

`</body>`

← Content of the web page

`</html>`

`<h1>` Header1 `</h1>`

`<h6>` Header6 `</h6>`

`<hr size="3" width="50%" align="left" color="black">`
↳ Horizontal line

`<p>` lorem `</p>` Paragraph
↳ ignore spaces

`
` line break

`<pre>` ----- preformatted
----- `</pre>` text
↳ preserve spaces

`<center>` any content / tag
`</center>`

`<u>` underlined text `</u>`

`` bold text ``
`` ``

`<i>` italic text `</i>`

`<small>` `</small>`
`<big>` `</big>`

`<mark>` highlighted `</mark>`

`` text ``
↳ text

x `_{` 2 `}`
↳ subscript x_2

x `^{` 2 `}`
↳ superscript x^2

`<!--` single / multi
line comment `-->`

anchor
tag

appears when
hover

`<a href = "url" title = " "`
`target = "blank" >` ``
↳ open in a new tab
↳ default "self"

``
visit google ``

``
visit local page ``

link
bookmark

`<h1 id = "top">` Header `</h1>`

`` go top ``
push to top

`<img src = " " alt = " " title = " "`
width = " " height = " " `>`
appear when image
crash

``
``
`` image as a link

default → disc (circle) square

```
<ul type = " " >
  <li> item1 </li> unordered
  <li> item2 </li> list
</ul>
```

default → 1 > A (a) I

```
<ol type = " " >
  <li> item1 </li> ordered
  <li> item2 </li> list
</ol>
```

description list

```
<dl>
  <dt> item1 </dt>
  <dd> describe item1 </dd>
  <dt> item2 </dt>
  <dd> describe item2 </dd>
</dl>
```

section 2

CSS:-

Cascading style sheet
Row HTML element are displayed

External CSS

create a testfile.css

```
R1 { color: red; }
```

```
P { color: blue; }
```

In Page.html

```
<head>
```

```
<link rel = "stylesheet"
```

```
href = "testfile.css">
```

```
</head>
```


Internal CSS

In Page.Rhtml

```
<head>
<style>
```

```
P { color: red; } R1 { color: blue; }
```

```
</style>
</head>
```

Inline CSS

In Page.Rhtml

```
<body>
```

```
<P1 style = "color: red;" > </P1>
<P style = "color: blue;" > </P>
```

Priority goes to the last defined style

Inline > Internal > External

Class CSS

In Page.Rhtml

```
<head>
<style>
```

```
#one P.one { color: blue; }
```

```
P.two { color: red; }
```

```
</style>
</head>
```

```
<body>
```

```
<P class = "one" > </P>
```

```
<P class = "two" > </P>
```

```
</body>
```

CSS For

Color: — ; text color

background-color: — ;

border: 3px double blue;

border-color: black;

border-top-style: dashed;

border-left-style: solid;

border-bottom-style: dashed;

border-right-style: solid;

border-width: 3px;

border-radius: 15px 50px 30px 5px;

↳ one value will apply on all corners

text-align: left, center, right, justify; =

text-shadow: 3px 2px red;

text-transform: uppercase, lowercase, capitalize;

word-spacing: 10px;

letter-spacing: 5px;

text-indent: 30px; =

direction: rtl; left to right

*background: url("img.png");

line-height: 50px;

font-family: Arial; time new roman

font-style: italic;

font-size: 20px;

font-weight: bold;

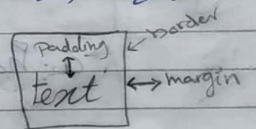
margin: 100px 100px 150px 80px;

margin-top: 100px;

margin-right: 100px;

margin-bottom: 150px;

margin-left: 80px;



padding: 20px 30px 25px 20px;

img { float: right; }
↳ wrap text around img


```
background: url("img.jpg");
background-repeat: no-repeat;
background-position: center left;
background-size: 100% 100%;
background-attachment: fixed; or scroll
text-decoration: none; or underline
```

links

```
a { }
  a:link { }
  a:visited { }
  a:hover { }
  a:active { }
```

or link, a:visited, a: hover, a: active

lists

```
ol { } ol li { }
ul { } ul li { } li a { }
dl { } dl dd { }
list-style-type: none;
```

Tap Icon:

in Page.html

```
<Head>
```

```
<link rel="icon" href="img.jpg">
</Head>
```

Image Caption:

```
<Figure>
  <img
    <figcaption>
  </figcaption>
</Figure>
```