

Theory • WWW invented - Tim Berners Lee.

• URL (Uniform Resource Locators) = Identify web resources.

• hyper text = web resources are interlinked by this

• web servers = servers in the internet designed to serve the web pages.

• client computers = the other computers that request web pages from the web servers.

• WWW operated on demand

• Search engine = Google

web browser = Chrome

multimedia streaming } = YouTube
platform

online photo sharing } = Flickr.
Applications

• hyper text = the text in a web page text which contains links to other text
(also any hyper text word is a pointer to another link)

HTML

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Software

මෘදුකාංග

Software is a set of instructions given to the computer to perform some activities using computer.

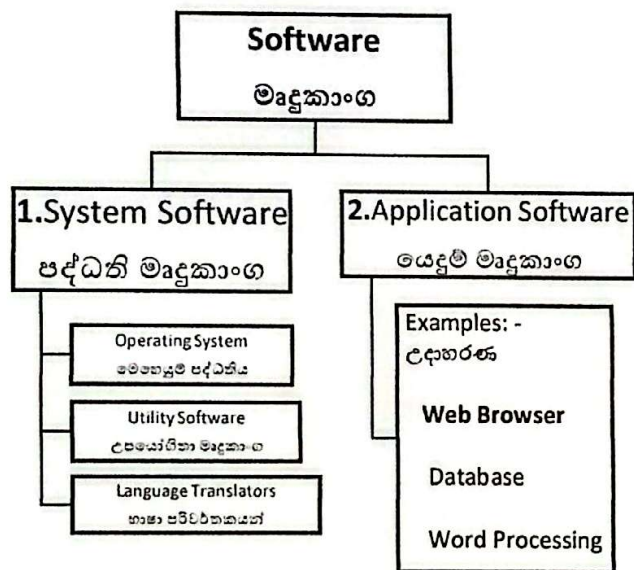
මෘදුකාංගය යනු පරිගණකයක් භාවිතයෙන් යම් යම් ක්‍රියාකාරකම් සිදුකිරීමට පරිගණකයට ලබාදෙන උපදෙස් මාලාවකි.

Software classification

මෘදුකාංග වර්ගීකරණය

There are mainly two types of software. They can be classified as follows:

ප්‍රධාන වශයෙන් මෘදුකාංග වර්ග දෙකකි. ඒවා පහත පරිදි වර්ග කළ හැක:



Web browser

වෙබ් අතිරික්ෂුව

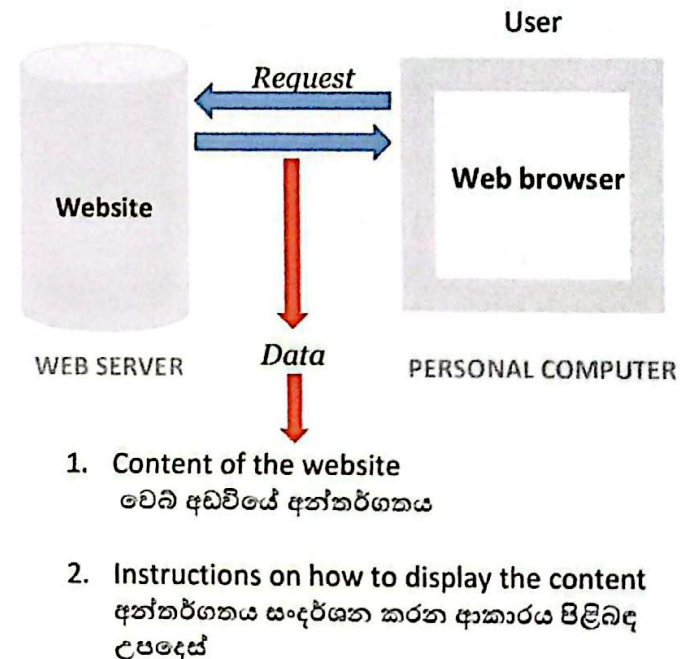
A web browser is an application software that provides the user to look at and interact with all the information on the internet.

වෙබ් අතිරික්ෂුවක් යනු පරිශීලකයාට අන්තර්ජාලයේ ඇති සියලුම තොරතුරු බැලීමට සහ ඒවා සමඟ අන්තර් ක්‍රියා කිරීමට සපයන යෙදුම් මෘදුකාංගයකි.

This includes Web pages, videos, and images.

මෙයට වෙබ් පිටු, වීඩියෝ සහ පින්තූර ඇතුළත් වේ.

Examples: - Google Chrome
උදාහරණ Mozilla Firefox
Safari
Opera



The language used to instruct the web browser on how to display a website's content to the user is known as HTML.

වෙබ් අඩවියක අන්තර්ගතය පරිශීලකයාට ප්‍රදර්ශනය කරන්නේ කෙසේද යන්න පිළිබඳව වෙබ් අතිරික්ෂුවට උපදෙස් දීමට භාවිතා කරන භාෂාව HTML ලෙස හැඳින්වේ.

http://www.vidula.sch.lk/ict-1.html

Protocol Domain domain name Directory

Domain name: vidula.sch.lk

domain name second level Domain first / top level Domain

Top Level Domain

- .com, .org
- .lk, .uk, .us, .in
- INTERNET top level domain .aero, .mobi, .land

Introduction to HTML

HTML හැඳින්වීම

Hyper Text Markup Language, known as HTML is the language used for documents in the World Wide Web.

HTML ලෙස හඳුන්වන Hyper Text Markup Language යනු ලෝක ව්‍යාප්ත ජාලයේ ලේඛන සඳහා භාවිතා කරන භාෂාවයි.

HTML was invented by Sir Tim Berners Lee.
HTML වීම බර්නර්ස් ලී විසින් සොයා ගන්නා ලදී.

HTML shows to the web browser how the web page content should be displayed on the computer screen to the user.

HTML වෙබ් අතිරික්ෂුවට පෙන්වන්නේ වෙබ් පිටු අන්තර්ගතය පරිසනක තිරයේ පරිශීලකයාට පෙන්විය යුතු ආකාරයයි.

HTML is not a computer language but a Markup Language.

HTML යනු පරිගණක භාෂාවක් නොව සලකුණු කිරීමේ භාෂාවකි.

HTML 5 edition has been released and it was released in 2012.

HTML 5 සංස්කරණය නිකුත් වී ඇති අතර එය එළි දක්වන ලද්දේ 2012 වර්ෂයේ දීය.

We need two types of software to write the HTML code and to test the HTML code.

HTML කේතය ලිවීමට සහ HTML කේතය පරීක්ෂා කිරීමට අපට මෘදුකාංග වර්ග දෙකක් අවශ්‍ය වේ

- To write the HTML code
HTML කේතය ලිවීමට
Text editor software
Text editor මෘදුකාංග
- To test the HTML code
HTML කේතය පරීක්ෂා කිරීමට
Web browser
වෙබ් අතිරික්ෂුව

Text editor software

Text editor මෘදුකාංග

We can write HTML documents that include phrases of HTML language or HTML code using Text editor software.

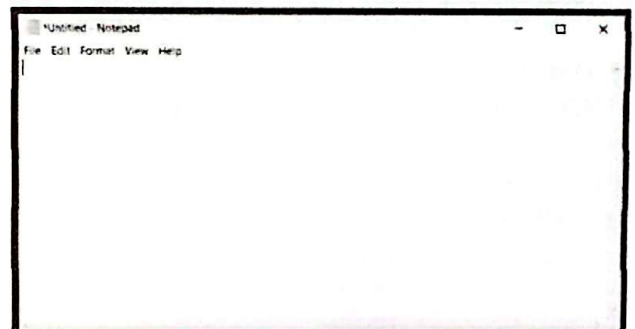
අපට Text editor මෘදුකාංග භාවිතයෙන් HTML භාෂාවේ වාක්‍ය ඛණ්ඩ හෝ HTML කේතය ඇතුළත් HTML ලේඛන ලිවිය හැක.

Examples: -

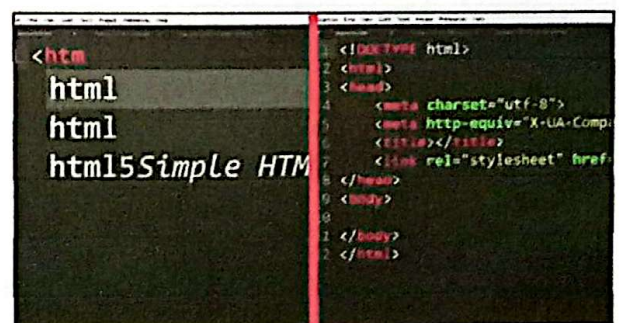
දිදාහරණ

- Note pad
- Sublime Text
- Visual Studio Code
- Atom
- Note pad++

Note pad



Sublime Text



HTML හි විශේෂාංග

HTML උපුටන වෙබ් අඩවික්සුව වෙබ් පිටුව පෙන්විය යුතු ආකාරය පෙන්වයි. HTML ලේඛනයක එවැනි විධාන HTML කේත ලෙස හැඳින්වේ.

HTML උසුලනයක් ආරම්භයේ සහ අවසානයේ
නෝ එක වරහන් යුගලයක් තිබිය යුතුය.

<P>
Angular brackets
කෝණික වරහන්

කෝණික වරහන තුළ ලියා ඇති ඕනෑම ආකාරයක අන්තර්ගතයක් පරිශීලකයාට දර්ශනය නොවේ.

HTML င်ဆွဲလာ အဝါဆံလာ ဆံးဝေါ်ခို ဘောဝေါ.

ਦਿਖਾਉਰਾ

<HTML>
<html>
<HiMl>

HTML උසුලන ඇමරිකානු ඉංග්‍රීසි හාෂාවෙන් නිර්මාණය වී ඇත.

ငါ့အဖေက

center
color

උසුලනය වැරදි ලෙස දක්වා තිබේ නම් දෝෂ පණිවිඩ
නොමැත, කෙසේ වෙතත්, වෙබ් බ්‍රව්සරය එය
නොසලකා හරිනු ඇත.

① Formatting tags $\left\{ \begin{array}{l} \langle b \rangle \\ \langle i \rangle \\ \langle u \rangle \end{array} \right.$

@ customizable tags <Font...>

HTML හි උදාහරණ වර්ග තුනක් තිබේ.

1. Container Tags

<P>

Opening tag
ବିଧାନ କିରିତେ ଲୁଗା

</P>

Closing tag
වැසීමේ උසුලන

2. Empty Tags

3. Character Entity Tags

HTML උසුලනය හි කොටස් තුනක් තිබේ.

<P align = "center">Content</P>

උපාංගය Element	උපලක්ෂණය Attribute	අගය Value
-------------------	-----------------------	--------------

Opening tag
විවෘත කිරීමේ උසුලනය

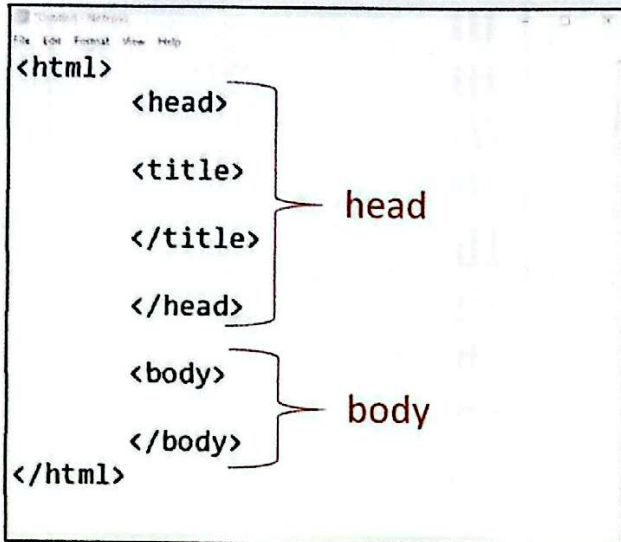
Closing tag
මම උද්භවය

The basic structure of an HTML document

HTML ලේඛනයක මූලික ව්‍යුහය

An HTML document consists of two main parts. They are head and body.

HTML ලේඛනයක් head සහ body යන ප්‍රධාන කොටස් දෙකකින් සමන්විත වේ.

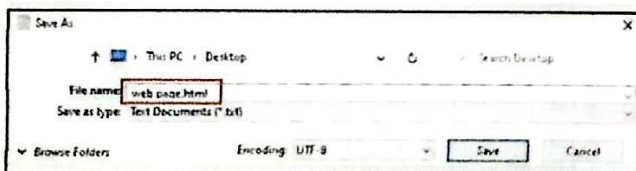


Saving an HTML document

HTML ලේඛනයක් සුරැකීම

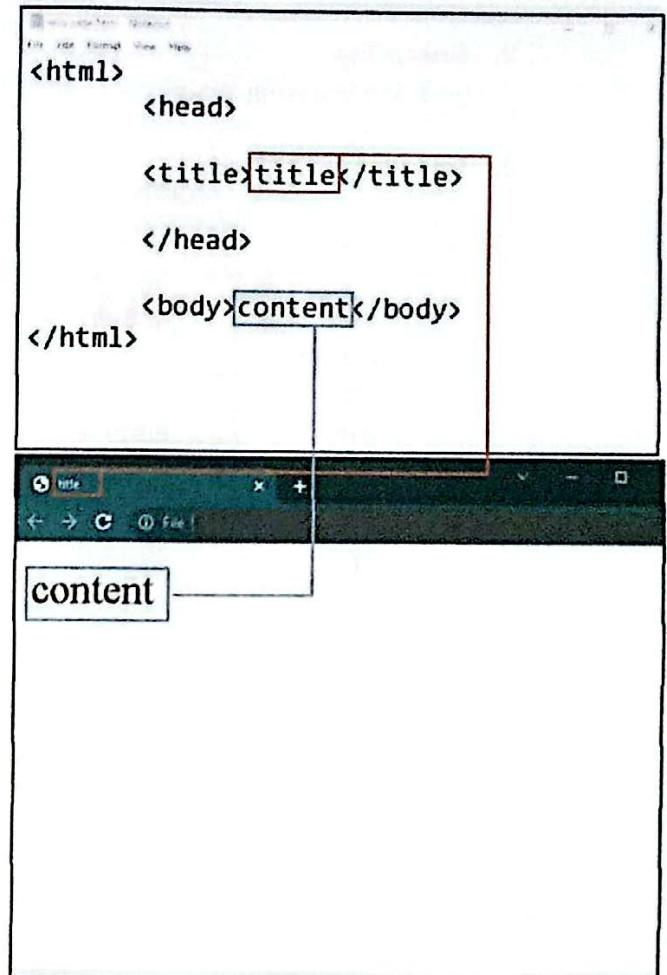
Go to 'save as' and type the filename and type the file extension as ".html" then save.

'Save as' වෙත ගොස් ගොනු නාමය වයිජ් කර ගොනු දිගුව ".html" ලෙස වයිජ් කර සුරැකීම කරන්න.



Comparison of web page with HTML document

HTML ලේඛනය සමඟ වෙබ් පිටුව සංයන්දනය කිරීම



The title displayed on Title Pane and some special notes are included in the title part. Consider how we indicated "title" in the above example.

Title Pane හි ප්‍රදර්ශනය වන මාතෘකාව සහ සමහර විශේෂ සටහන් title කොටසෙහි ඇතුළත් කර ඇත. ඉහත උදාහරණයේ අපි "title" සඳහන් කළ ආකාරය සලකා බලන්න.

Web page content are included in the body part. Consider how we indicated "content" in the above example.

වෙබ් පිටු අන්තර්ගතය body කොටසෙහි ඇතුළත් වේ. ඉහත උදාහරණයේ අපි "content" සඳහන් කළ ආකාරය සලකා බලන්න.

HTML TAGS

HTML පිළිබඳව

Output

ප්‍රතිදානය

1.
 Tag

Add line break

2. Tag

Add non-breaking space

3. Text Formatting Tags

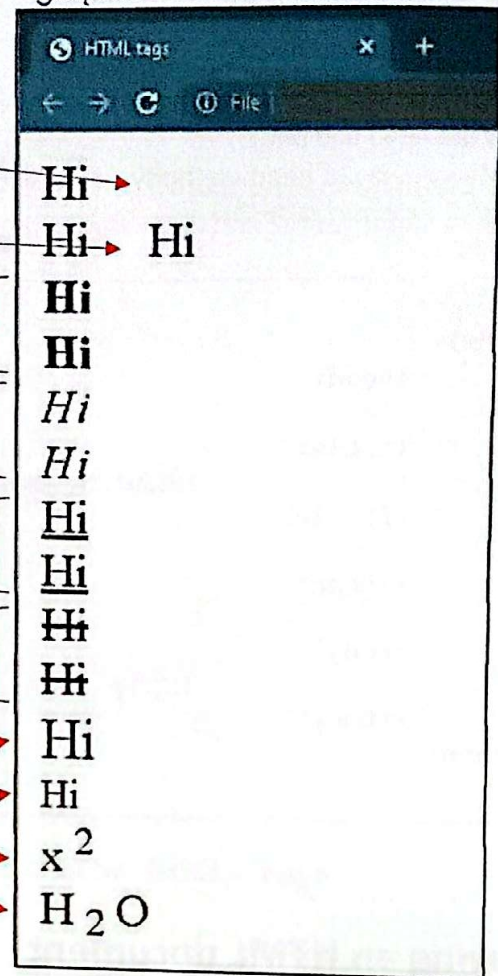
	Bold
	
<i>	Italic
	Emphasis
<u>	Underline
<ins>	Insert
	Strike out
<big>	Big
<small>	Small
<sup>	Superscript
<sub>	Subscript

<marquee>

<marquee>

Highlight the text

Animate the text



Code

කේතය

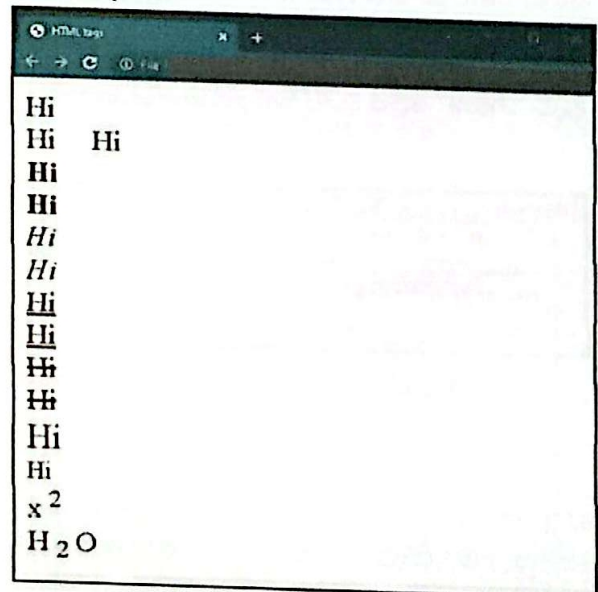
```

<html>
  <head>
    <title>HTML tags</title>
  </head>
  <body>
    Hi
    Hi &nbsp; &nbsp; &nbsp; Hi
    <b> Hi </b>
    <strong> Hi </strong>
    <i> Hi </i>
    <em> Hi </em>
    <u> Hi </u>
    <ins> Hi </ins>
    <del> Hi </del>
    <big> Hi </big>
    <small> Hi </small>
    x <sup> 2 </sup>
    H <sub> 2 </sub> O
  </body>
</html>

```

Output

ප්‍රතිදානය



4. Header Tag

Add font size, bold, line break to text

A predefined tag

<h1> to <h6>

h1 size > h6 size

Code කේතය	Output ප්‍රතිදානය
<pre><html> <head> <title></title> </head> <body> <h1> ICT </h1> <h2> ICT </h2> <h3> ICT </h3> <h4> ICT </h4> <h5> ICT </h5> <h6> ICT </h6> </body> </html></pre>	ICT ICT ICT ICT ICT ICT ICT

5. Paragraph Tag

Add paragraph formatting, line break to text

Attribute අවලක්ෂණය	Value අගය
Align	Left(default) Center Right Justify

- Does No indent the first line
- empty lines before and after the paragraph text

Code

කේතය

```
<p>
Paragraphs are the group of sentences combined together,
about a certain topic. It is a very important form of
writing as we write almost everything in paragraphs,
be it an answer, essay, story, emails, etc.
</p>

<p align="left">
Paragraphs are the group of sentences combined together,
about a certain topic. It is a very important form of
writing as we write almost everything in paragraphs,
be it an answer, essay, story, emails, etc.
</p>

<p align="center">
Paragraphs are the group of sentences combined together,
about a certain topic. It is a very important form of
writing as we write almost everything in paragraphs,
be it an answer, essay, story, emails, etc.
</p>

<p align="right">
Paragraphs are the group of sentences combined together,
about a certain topic. It is a very important form of
writing as we write almost everything in paragraphs,
be it an answer, essay, story, emails, etc.
</p>

<p align="justify">
Paragraphs are the group of sentences combined together,
about a certain topic. It is a very important form of
writing as we write almost everything in paragraphs,
be it an answer, essay, story, emails, etc.
</p>
```

Output

ප්‍රතිදානය

Paragraphs are the group of sentences combined together, about a certain topic. It is a very important form of writing as we write almost everything in paragraphs, be it an answer, essay, story, emails, etc.

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6. Font Tag

Add font formatting to text

<u>Attribute</u> අවලක්ෂණය	<u>Value</u> අගය
Size	1 – 7 3(default)
Face	Ariel Verdana etc. Times New Roman(default)
Color	Color name /RGB hexadecimal code Red /#FF0000 etc. Black /#000000(default)

Code
කේතය

```
<font size="1" face="Verdana" color="red">
content
</font>
<font size="7" face="Verdana" color="#FF0000">
content
</font>
```

Output
ප්‍රතිදානය

content
content
content

7. Preformatted text

Preserve white spaces: -

Spaces, new line, tab, empty lines

Preserve font faces

Code
කේතය

```
<body>
content content
content
<pre>
content content
content
</pre>
</body>
```

Output
ප්‍රතිදානය

content content content

content content

content

8. Horizontal rule

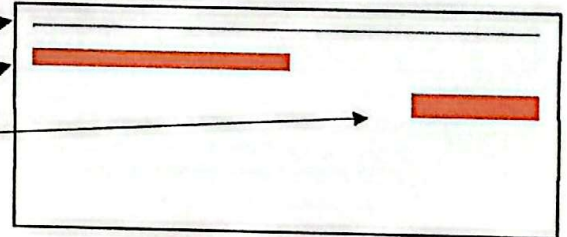
Draw horizontal lines

<u>Attribute</u> උපලක්ෂණය	<u>Value</u> අගය
Align	Center(default) Left Right
Width	Percentage(dynamic)/Pixel(static) 50% /50 100%(default)
Size	(Change the thickness of the line) 1,2,3 etc. 2(default)
Color	Color name /RGB hexadecimal code Red /#FF0000 etc. Black /#000000(default)

Code කේතය

```
<hr>
<hr align="left" width="50%" size="7" color="red">
<hr align="right" width="50%" size="10" color="#FF0000">
```

Output ප්‍රතිදානය



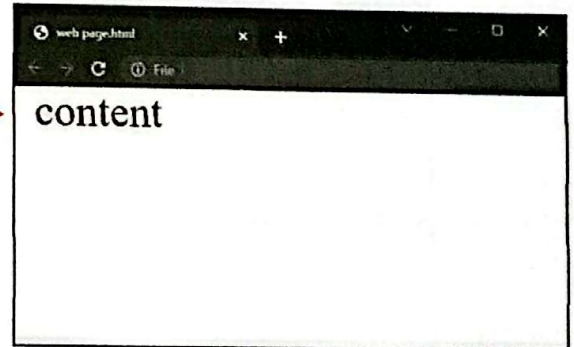
9. HTML comment Tag

Add comments and hide parts in the middle of the HTML code
These are not visible in the output

Code කේතය

```
<html>
<head><title></title></head>
<body>
  content
  <!--content-->
</body>
</html>
```

Output ප්‍රතිදානය



10. Image Tag

Insert and format Images

<u>Attribute</u> අවලක්‌ෂණය	<u>Value</u> අගය
Source or src	File path\file name.extension(if the image is in another folder) / File name.extension (if the image is in the same folder) / URL [extensions: - .jpg, .png, .gif]
Align	Left(default) Right Top Bottom Middle
Width	Percentage(dynamic)/Pixel(static) 50% /50
Height	Percentage(dynamic)/Pixel(static) 50% /50
Border	Pixel(static) 1,2,3 etc. 0(default)
Alternative or alt	(Display the text written as the value in the output if the image is not available) Any text

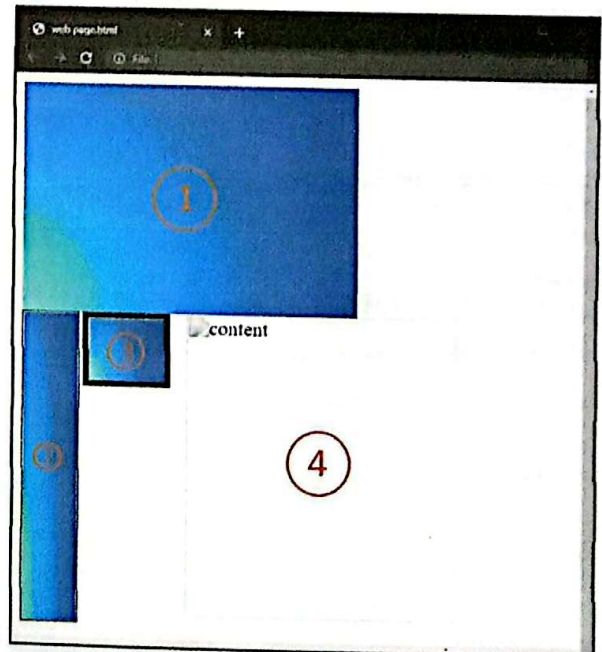
Code

කේතය

```
<html>
  <head><title></title></head>
<body>
  ①<img src ="image.jpg">           <br/>
  ②<img src ="image.jpg" align ="left"
    width ="10%" height ="50%" border ="1">
  ③<img src ="image.jpg" align ="middle"
    width ="60" height ="50" border ="5">
  ④<img src ="img.jpg" align ="right" width ="70%"
    alt ="content">
</body>
</html>
```

Output

ප්‍රතිදානය



11. Body Tag

Attribute

අවලක්ෂණය

Bgcolor

Background

Value

අගය

Color name / RGB hexadecimal code

Red /#FF0000

Black /#000000 etc.

(Add image to be used as a background)

File path\file name.extension (if the image is in another folder) /

File name.extension (if the image is in the same folder) /

URL

[extensions: - .jpg, .png, .gif]

id

<body id = "home">
for specifying to CSS use,

Output

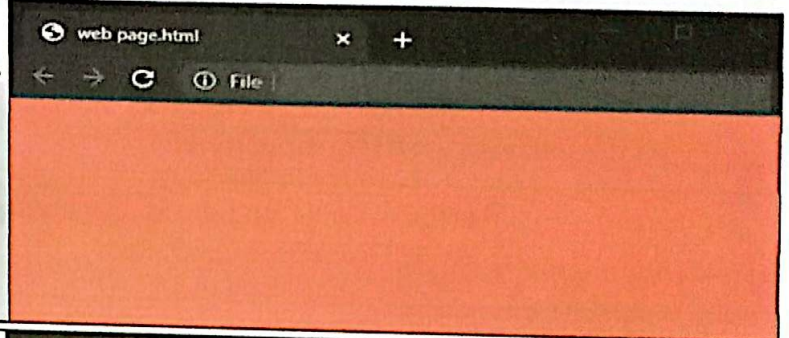
ප්‍රතිදානය

Code

කේතය

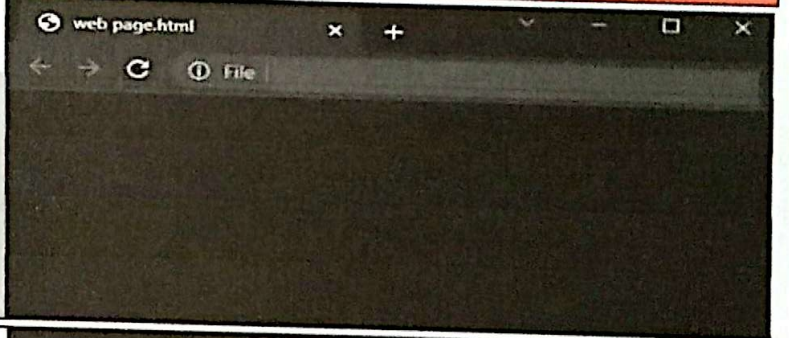
```
web page - Notepad
File Edit Format View Help

<html>
<head><title></title></head>
<body bgcolor = "red">
</body>
</html>
```



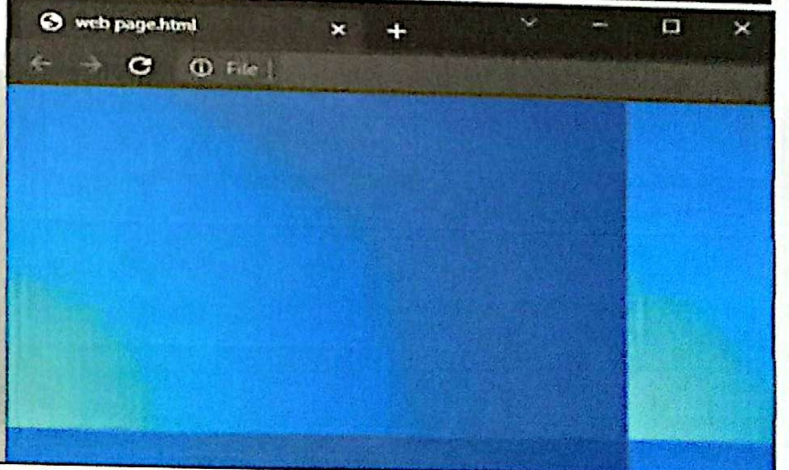
```
web page - Notepad
File Edit Format View Help

<html>
<head><title></title></head>
<body bgcolor = "000000">
</body>
</html>
```



```
web page - Notepad
File Edit Format View Help

<html>
<head><title></title></head>
<body background = "image.jpg">
</body>
</html>
```



12. Lists

There are three types of main lists: -

- 1.Unordered list
- 2.Ordered list
- 3.Description/definition list

This is a tag structure

1.Unordered list

Display elements in bulleted format

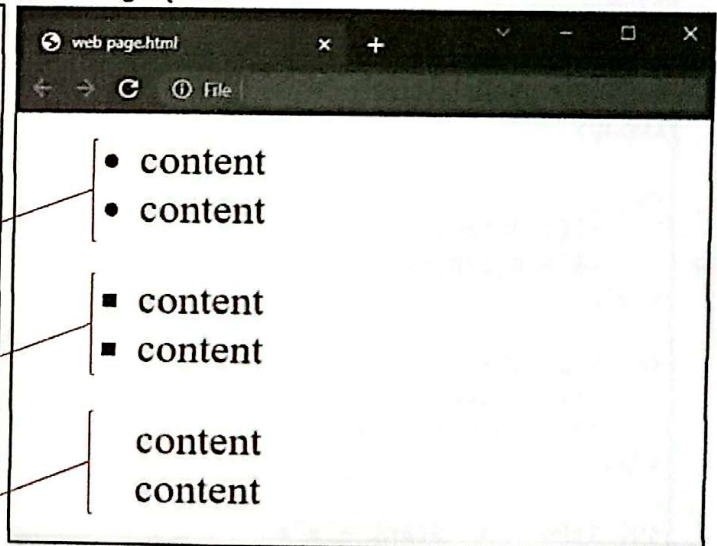
<u>Tag</u> ടാഗ്	<u>Attribute</u> പരമ്പരകൾ	<u>Value</u> മൂല്യം
<u></u> (unordered list)	Type	Disc - • (default) Circle - ○ Square - ■ None
<u></u> (list item)	—	—

Code
കോഡ്

```
web page - Notepad
File Edit Format View Help

<html>
  <head><title></title></head>
<body>
  <ul>
    <li>content</li>
    <li>content</li>
  </ul>
  <ul type = "square">
    <li>content</li>
    <li>content</li>
  </ul>
  <ul type = "none">
    <li>content</li>
    <li>content</li>
  </ul>
</body>
</html>
```

Output
പ്രകാശനം



2. Ordered list

Display elements in numerical or alphabetical format

Tag උපුටාගැනීම	Attribute උපුටාගැනීමේ ලක්ෂණය	Value අගය
(ordered list)	Type	1 - Hindu Arabic numbers(default) A - English capital letters <i>෭, ෭, AA, AB</i> a - English simple letters i - Roman numbers with English simple letters I - Roman numbers with English capital letters (Specify the start value of the first list item) 1,2,3 etc.
(list item)	Strat	1,2,3 etc.

Code

කේතය

```

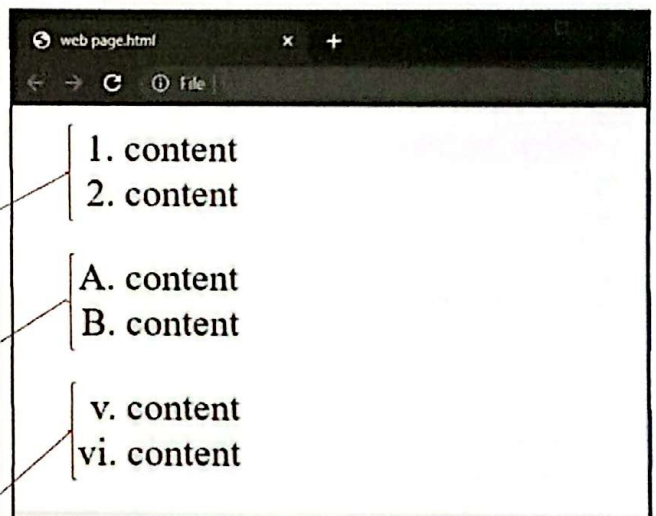
web page - Notepad
File Edit Format View Help

<html>
  <head><title></title></head>
  <body>
    <ol>
      <li>content</li>
      <li>content</li>
    </ol>
    <ol type="A">
      <li>content</li>
      <li>content</li>
    </ol>
    <ol type="i" start="5">
      <li>content</li>
      <li>content</li>
    </ol>
  </body>
</html>

```

Output

ප්‍රතිදානය



2. Description/definition list

Display a term and a relevant description in the form of a list

<u>Tag</u> උපලකෂණය	<u>Attribute</u> උපලක්ෂණය	<u>Value</u> අගය
<dl>	—	—
(description/definition list)		
<dt>	—	—
(description/definition topic)		
<dd>	—	—
(description/definition data/detail)		

Code
කේතය

```
web page - Notepad
File Edit Format View Help

<html>
  <head><title></title></head>
<body>
  <dl>
    <dt>content topic</dt>
    <dd>content</dd>
    <dd>content</dd>

    <dt>content topic</dt>
    <dd>content</dd>
    <dd>content</dd>
  </dl>
</body>
</html>
```

Output
ප්‍රතිදානය

```
web page.html
< File |
content topic
  content
  content
content topic
  content
  content
```

13. Table

Display content inside of a table
This is a tag structure

$$\langle th \rangle = \langle td \rangle + \langle b \rangle + \langle center \rangle$$

Tag
ট্যাগ
<table>

Attribute
এট্রিবিউট

Value
মান

① <td rowspan="3">A </td>
del D and G

A	B	C
E	F	
H	I	

② <td colspan="3">A </td>
del B and C

A		
D	E	F
G	H	I

③ <td colspan="2" rowspan="2">A </td>
del B, D and E

A			C
G	H	I	

Align
Left(default)
Right
Center
Width
Percentage(dynamic)/Pixel(static)
50% /50
Height
Percentage(dynamic)/Pixel(static)
50% /50
Bgcolor
Color name /RGB hexadecimal code
Red /#FF0000
Black /#000000 etc.

Border
Pixel(static)
1,2,3 etc.
0(default)
Bordercolor
Color name /RGB hexadecimal code
Red /#FF0000
Black /#000000 etc.

Background
(Add image to be used as a background)
File path\file name.extension
(if the image is in another folder) /
File name.extension
(if the image is in the same folder) /
URL

[extensions: - .jpg, .png, .gif]

Cellpadding
(Show the gap between cell border and its content)
Pixel(static)
1,2,3 etc.
0(default)

Cellspacing
(Show the gap between cells)
Pixel(static)
1,2,3 etc.
2(default)

<caption>
(always centered)

Align
Top(default)
Bottom

Attribute	<table>	<tr>	<td>
align	✓	✓	✓
border	✓	✗	✗
width	✓	✗	✓
height	✓	✓	✗
bgcolor	✓	✓	✓
cellspacing	✓	✗	✗
cellpadding	✓	✗	✗
colspan	✗	✗	✓
rowspan	✗	✗	✓

<tr>(table row)

Align

Left(default)

Right

Center

Height

Percentage(dynamic)/Pixel(static)

50% /50

Bgcolor

Color name /RGB hexadecimal code

Red /#FF0000

Black /#000000 etc.

Transparent(default)

<td>(table data/division) /

<th>(table heading)

[A predefined tag.

Add <td>, , <center>]

Align

Left(default)

Right

Center

Width

Percentage(dynamic)/Pixel(static)

50% /50

Bgcolor

Color name /RGB hexadecimal code

Red /#FF0000

Black /#000000 etc.

Transparent(default)

Colspan

(Create a cell merging several columns)

Number of columns merged

1,2,3, etc.

Rowspan

(Create a cell merging several rows)

Number of rows merged

1,2,3, etc.

<td>

<table>

↑ priority high
↓ priority low

Code

කේතය

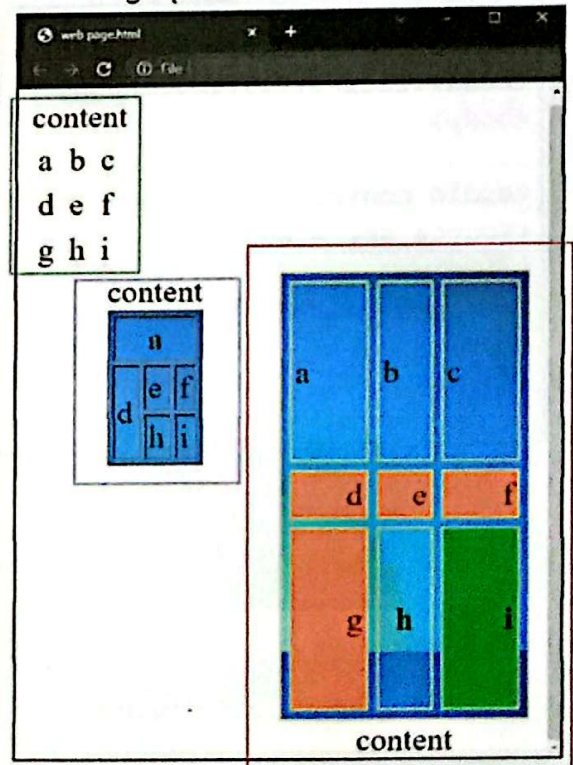
```
<table>
<caption>content</caption>
<tr> <td>a</td><td>b</td><td>c</td> </tr>
<tr> <td>d</td><td>e</td><td>f</td> </tr>
<tr> <td>g</td><td>h</td><td>i</td> </tr>
</table>
```

```
<table align="right" width="50%" height="70%" border="1"
bordercolor="yellow" background="image.jpg" cellpadding="2"
cellspacing="4">
<caption align="bottom">content</caption>
<tr> <td>a</td><td>b</td><td>c</td> </tr>
<tr align="right" height="10" bgcolor="red">
<td>d</td><td>e</td><td>f</td> </tr>
<tr> <td align="right" width="50" bgcolor="#FF0000">g</td>
<th width="30">h</th>
<th align="right" width="50" bgcolor="green">i</th> </tr>
</table>
```

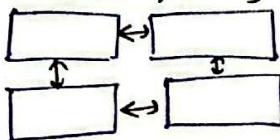
```
<table align="center" border="1" background="image.jpg">
<caption>content</caption>
<tr> <th colspan="3">a</th> </tr>
<tr> <td rowspan="2">d</td><td>e</td><td>f</td> </tr>
<tr> <td>h</td><td>i</td> </tr>
</table>
```

Output

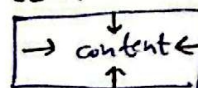
ප්‍රතිදානය



cell spacing



cell padding



14. Audio

Embed audio content

Tag	Attribute	Value
උපුලනය <audio>	උපලක්ෂණය Controls	අගය (Display audio controls such as a play/pause button etc.) Controls
	Autoplay	(Audio will start playing automatically) Autoplay
	Muted	(Mute the audio output) Muted
	Loop	(Start over the audio every time it is finished) Loop
<source>	Src	File path\file name.extension(if the audio file is in another folder) / File name.extension (if the audio file is in the same folder) / URL
	Type	[extensions: - .mp3, .wav, .ogg] Audio/extension [extensions: - .mp3, .wav, .ogg]

Code

කේතය

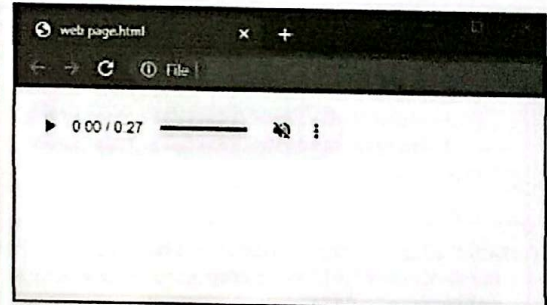
```
<html>
<head><title></title></head>
<body>

<audio controls autoplay muted loop>
<source src ="audio.mp3" type ="audio/mp3">
</audio>

</body>
</html>
```

Output

ප්‍රතිදානය



15. Video

Embed video content

Tag	Attribute	Value
උසුලනය <video>	Controls	අගය (Display video controls such as a play/pause button etc.) Controls
	Autoplay	(Video will start playing automatically) Autoplay
	Height	Percentage(dynamic)/Pixel(static) 50% /50
	Width	Percentage(dynamic)/Pixel(static) 50% /50
	Muted	(Mute the audio output of the video) Muted
	Loop	(Start over the video every time it is finished) Loop
	Poster	(Add a cover photo to the video) File path\file name.extension(if the image is in another folder) / File name.extension (if the image is in the same folder) / URL [extensions: - .jpg, .png, .gif]
<source>	Src	File path\file name.extension(if the video file is in another folder) / File name.extension (if the video file is in the same folder) / URL [extensions: - .mp4, .webM, .ogg]
	Type	Video/extension [extensions: - .mp4, .webM, .ogg]

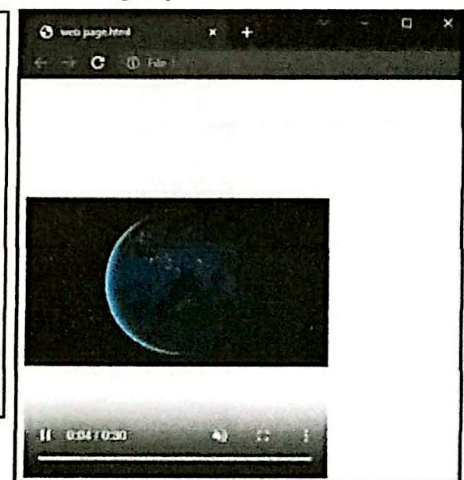
Code
කේතය

```
<html>
<head><title></title></head>
<body>

<video controls autoplay muted loop poster ="image.jpg"
height ="70%" width ="70%">
<source src ="video.mp4" type ="video/mp4">
</video>

</body>
</html>
```

Output
ප්‍රතිදානය



- * autoplay cannot be add without muted
- * muted can be add without autoplay

16. Embed Tag

Embed multimedia content such as images, audio files, video files, etc.

This is no longer used

Instead tags such as image tag, video tag, audio tag, etc. are used

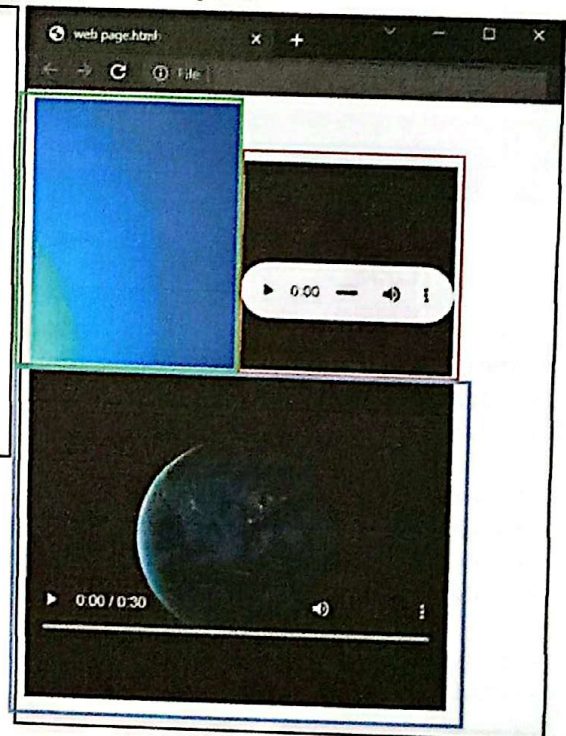
<u>Attribute</u> උපලක්ෂණය	<u>Value</u> අගය
Src	File path\file name.extension(if the file is in another folder) / File name.extension (if the file is in the same folder) / URL [extensions: - .jpg, .gif, .png, .mp3, .wav, .ogg, .mp4, .webM etc.]
Height	Percentage(dynamic)/Pixel(static) 50% /50
Width	Percentage(dynamic)/Pixel(static) 50% /50

Code
කේතය

```
<html>
<head><title></title></head>
<body>
<embed src ="image.jpg" height ="40%" width ="40%">
<embed src ="audio.mp3" height ="200" width ="200">
<embed src ="video.mp4" height ="50%" width ="400">

</body>
</html>
```

Output
ප්‍රතිදානය



17. Anchor Tag

Add hyperlinks

- ④ to navigate sectors of the same webpage
`<a href = "#h" > goto </a>`
`<p id = "h"> content </p>`
Attribute
 අවලක්‌ෂණය
 Href(hyperlink reference)

- ① to visit an external location, (domain, URL)
`<a href = " " > display content </a>`
- ② to access local media files
 (photo, video, audio, pdf)
`<a href = " filepath \ filename . extension " > </a>`
- ③ to link webpages of a website.

About us page
`<a href = "home" > home </a>`
Home page
`<a href = "aboutus" > aboutus </a>`

Value

අගය

Domain name

URL

Web pages

File path \ file name . extension /
 URL
 [extensions: - .html etc.]

Multimedia files

File path \ file name . extension (if the file is in another folder) /
 File name . extension (if the file is in the same folder) /
 URL
 [extensions: - .jpg, .gif, .png, .mp3, .wav, .ogg, .mp4, .webM etc.]

(Specify where to open the linked document)

_blank - new window / tab

_self (default) - same window as it was clicked

_top - full body of the window

_parent - in the parent frame

Target

Code

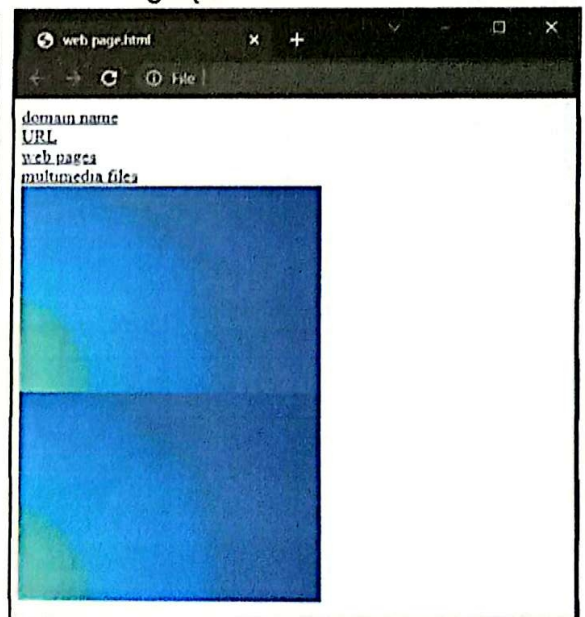
කේතය

```
<html>
<head><title></title></head>
<body>

<a href = "google.com" target = "_blank"> domain name </a>      <br/>
<a href = "https://www.google.com" target = "_top"> URL </a>      <br/>
<a href = "C:\Users\Home\Desktop\html\web page 2.html"> web pages </a>      <br/>
<a href = "image.jpg"> multimedia files </a>      <br/>
<a href = "https://www.google.com"> <img src = "image.jpg"> </a>      <br/>
<a href = "image.jpg"> <img src = "image.jpg"> </a>      <br/>
</body>
</html>
```

Output

ප්‍රතිදානය



18. Center Tag

Align content to the center along the horizontal axis

This tag can be added to lists, images, texts, tables, links, audio files, video files etc.

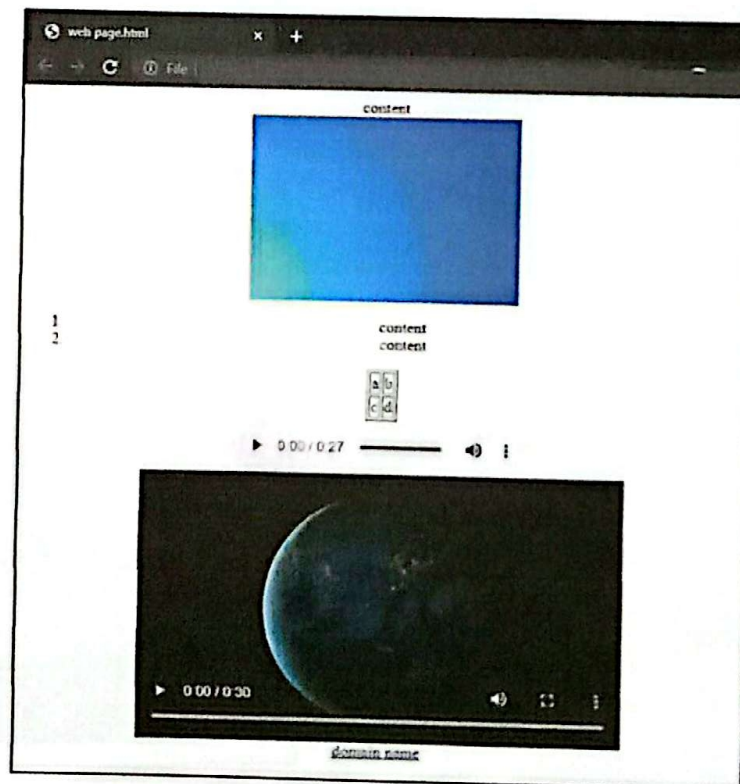
Code

කේතය

```
<body>
<center> content </center>
<center> <img src ="image.jpg"> </center>
<center> <ol type ="1"><li>content</li><li>content</li></ol> </center>
<center> <table border ="1"><tr><td>a</td><td>b</td></tr>
<tr><td>c</td><td>d</td></tr></table> </center>
<center> <audio controls><source src ="audio.mp3"></audio> </center>
<center> <video controls><source src ="video.mp4"></video> </center>
<center> <a href ="google.com" target ="_blank"> domain name </a> </center>
</body>
```

Output

ප්‍රතිදානය



19. Marquee Tag

Add animation to the content

This tag can be added to lists, images, texts, tables, links, audio files, video files etc.

<u>Attribute</u>	<u>Value</u>
<u>පරාමිතය</u>	<u>අගය</u>
Width	Percentage(dynamic)/Pixel(static) 50% /50
Height	Percentage(dynamic)/Pixel(static) 50% /50
Direction	Left(default) Right Up Down
Bgcolor	Color name /RGB hexadecimal code Red /#FF0000 Black /#000000 etc.
Behavior	Transparent(default) (Change the scrolling type) Scrolling(default) Sliding Alternative
Scrolldelay	(Delay the animation) 1,2,3 etc.
Scrollamount	(Speedup the animation) 1,2,3 etc.

Code

කේතය

```
web page - Notepad
File Edit Format View Help

<html>
<head><title></title></head>
<body>

<marquee width ="100" height ="100" direction ="up"
bgcolor ="red" behavior ="alternative"
scrolldelay ="5" scrollamount ="10">          content          </marquee>

</body>
</html>
```

20. Division Tag

<div> </div> - used to divide a part of a code
easy select