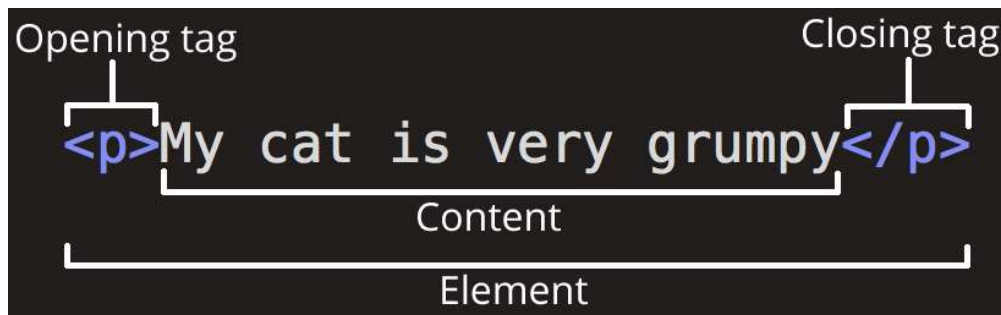


HTML

- HTML (*HyperText Markup Language*)
- network එකක් ඇතුළත නියම document & resources එකිනෙක link කරන්න හදල නියම language එකක්.
- markup language එකක්, programming language එකක් නෙවේ,
- web page එකක් structure කරන්න use කරන්නේ
- HTML වලින් ලියපුවා Read කරන්නේ browser එකෙන්.

Anatomy of HTML element



- HTML defines the structure and content of the page using Elements.
- HTML elements are created using tags.
- <> opening tag , </> closing tag
- **Element** එකක් හැදෙන්නේ opening tag + ඇතුළත content එක + closing tag

tags

<p> tag is used to create a paragraph of text. </p>

<h1> tag is used to create a heading. (6 different heading tags: <h1> to <h6>) </h1>

 bold text

**** tag is used to indicate that a text is important (bold text)

The tag is used to make it semantically(අර්ථමය වශයෙන්) important, while is simply styling the text bold.

<i> make text italic **</i>**

**** make text emphasize (අවධාරණය කරන්න) (similer to italic) ****

<u> make text underline**</u>**

Nested elements

<p> HTML**** is fun **</p>** (element athule thiyena element)

HTML page

combination of multiple nested elements.

```
<html> (main root of a page)
  <head>
    (specify area for document metadata)
  </head>
  <body>
    (includes the visual parts of a page)
  </body>
</html>
```

<!DOCTYPE html>

- HTML document එකක මුලින් ලියන declaration එකක් (tag එකක් නෙවේ).
- Fully standard mode එක follow කරනව නම් මේක දානො.
- browser එකට දෙන information එකක්, document type එක html වලින් තියෙන්නෙ කියලා.

HTML Attribute



- HTML element එකක open syntax එක ඇතුළත නියම key value pair එකකි.

එවගේම Element එක ඇතුළත නියම දේවල් වෙනස් කරන්න පුළුවන් අවශ්‍ය විදියට.

(contain additional information about the element.)

hyperlinks

```
<a href="https://www.facebook.com"> Click here </a>
```

Images

```
 (no closing tag)
```

- alt → used to specify text, which will display if the image fails to load (image description)
- width → image width (ex: 100px) (or can give percentages ex: 50%)
- height → " "

Empty Elements

<hr> horizontal line (break between paragraph elements.)

 element creates a line break in a paragraph (rendered in one line)

Elements

• block-level elements

- visible block on a page and appear on a new line.
- ex: paragraph element <p>
- A block-level element is displayed from a new line

• inline elements

- contained within block-level elements
- represent only small parts of the page.
- ex: <a>, ,
- Inline elements should not contain block-level elements.

[HTML elements reference - HTML: HyperText Markup Language | MDN](#)

[HTML_Elements](#)

Main Root

- **<html>**

Document metadata

Give informations about the web site to the search engines

- **<head> </head>**

machine-readable information (metadata) ලියන්නේ මේකේ ඇතුලේ (Title, Scripts, Style sheets)

- **<base>**

`<base href = "localhost">` ← අපේ address එක දෙන්නෝ.(localhost or web host) (අත්‍යවශ්‍ය නෑ)

- **<title> </title>**

webpage එකේ title එක

- **<link>**

`<link href="favicon.png" rel="icon">` ← favicon එක

- **<style>**

Contains style information for a document, or part of a document.

- **<meta>**

`<meta charset="UTF-8">` ← අමතර Characters emojis use කරන්න පුළුවන්

<meta name = "keywords" content="keyword1,keyword2"> ← website keywords දාන්න

<meta name = "description" content= "short description goes here"> ← website description (search result වල පෙන්නන්නෙ)

<meta name="author" content="miusoft"> ← website authorගෙ name එක

<meta name="owner" content="kasun miu"> ← website ownerගෙ name එක

<meta name="robots" content="index"> ← index කරන්න කියල search engine එකෙ botලට කියනො..

<link rel="canonical" href="image.jpg"> ← botලට කියනො search result වල පෙන්නන්න එපා කියල

<meta name="theme-color" content="green"> ← mobile view එකේදි title bar color එක (mobile එකකින් බලන්න ඕන darkmode off)

<meta name="viewport" content="width=device-width initial-scale=1 minimum-scale=4 maximum-scale=5">

minimum-scale=4 maximum-scale=5 ← minimum & maximum scales manage කරන්න

width=device-width ← width එක device එකෙ width එකට set කරනො.

initial-scale=1 ← scale එක start එකේදි නියෙන ගාන

user-scalable=no ← scale කරන්න දෙන්නෙ නෑ

<meta http-equiv="refresh" content="1"> ← 1s වලට පාරක් page එක refresh කරනො.

Sectioning root

(start of the visible elements)

- **<body>**

Content sectioning - semantic elements

document content එක logical pieces වලට වෙන් කරනවා.

- **<main>**


- <body> main content එක represent කරයි.

- **<address>**

```
<p>Contact the author of this page:</p>
<address>
  <a href="mailto:jim@rock.com">jim@rock.com</a><br>
  <a href="tel:+13115552368">(311) 555-2368</a>
</address>
```

Contact the author of this page:

 jim@rock.com

 [\(311\) 555-2368](tel:+13115552368)

- **<article>**

```
<article class="forecast">
  <h1>Weather forecast for Seattle</h1>
  <article class="day-forecast">
    <h2>03 March 2018</h2>
    <p>Rain.</p>
  </article>
  <article class="day-forecast">
    <h2>04 March 2018</h2>
    <p>Periods of rain.</p>
  </article>
  <article class="day-forecast">
    <h2>05 March 2018</h2>
    <p>Heavy rain.</p>
  </article>
</article>
```

Weather forecast for Seattle

03 March 2018
Rain.



04 March 2018
Periods of rain.



05 March 2018
Heavy rain.



- **<aside>**

```
<aside>
  <p>The Rough-skinned Newt defends itself with a
  deadly neurotoxin.</p>
</aside>
```

```
<p>Several species of salamander inhabit the
temperate rainforest of the Pacific Northwest,
including the Ensatina, the Northwestern Salamander
and the Rough-skinned Newt. Most salamanders are
nocturnal, and hunt for insects, worms and other
small creatures.</p>
```

Several species of salamander inhabit the temperate rainforest of the Pacific Northwest, including the Ensatina, the Northwestern Salamander and the Rough-skinned Newt.

Most salamanders are nocturnal and

The Rough-skinned Newt defends itself with a deadly neurotoxin.

- **<footer>**

```
<footer>
  <p>© 2018 Gandalf</p>
</footer>
```

© 2018 Gandalf

- **<header>**

```
<header>
  <a class="logo" href="#">Cute Puppies Express!
</a>
</header>

<article>
  <header>
    <h1>Beagles</h1>
    <time>08.12.2014</time>
  </header>
  <p>I love beagles <em>so</em> much! Like,
really, a lot. They're adorable and their ears are
so, so snuggly soft!</p>
</article>
```



Beagles

08.12.2014

I love beagles so much! Like, really, a lot. They're adorable and their ears are

- **<h1> to <h6>**

- HTML Section Heading elements

- **<nav>**

- Navigation Section element

```
<nav class="crumbs">
  <ol>
    <li class="crumb"><a href="#">Bikes</a></li>
    <li class="crumb"><a href="#">BMX</a></li>
    <li class="crumb">Jump Bike 3000</li>
  </ol>
</nav>
```

[Bikes](#) > [BMX](#) > Jump Bike 3000

- **<section>**

- Section element

```

<h1>Choosing an Apple</h1>
<section>
  <h2>Introduction</h2>
  <p>This document provides a guide to help with
the important task of choosing the correct Apple.</p>
</section>

<section>
  <h2>Criteria</h2>
  <p>There are many different criteria to be
considered when choosing an Apple – size, color,
firmness, sweetness, tartness...</p>
</section>

```

Choosing an Apple

Introduction

This document provides a guide to help with the important task of choosing the correct Apple.

Criteria

There are many different criteria to be considered when choosing an

Text content

- **<blockquote>**
 - Block Quotation element

```

<figure>
  <blockquote
cite="https://www.huxley.net/bnw/four.html">
    <p>Words can be like X-rays, if you use them
properly—they'll go through anything. You read and
you're pierced.</p>
  </blockquote>
  <figcaption>—Aldous Huxley, <cite>Brave New
World</cite></figcaption>
</figure>

```

"Words can be like X-rays, if you use them properly—they'll go through anything. You read and you're pierced."

—Aldous Huxley, *Brave New World*

- **, , **
 - - Unordered List element
 - - Ordered List element
 - - List Item element


```

<ul>
  <li>Milk</li>
  <li>Cheese
    <ul>
      <li>Blue cheese</li>
      <li>Feta</li>
    </ul>
  </li>
</ul>

```

- Milk
- Cheese
 - Blue cheese
 - Feta

```

<ol>
  <li>Mix flour, baking powder, sugar, and salt.</li>
  <li>In another bowl, mix eggs, milk, and oil.</li>
  <li>Stir both mixtures together.</li>
  <li>Fill muffin tray 3/4 full.</li>
  <li>Bake for 20 minutes.</li>
</ol>

```

1. Mix flour, baking powder, sugar, and salt.
2. In another bowl, mix eggs, milk, and oil.
3. Stir both mixtures together.
4. Fill muffin tray 3/4 full.
5. Bake for 20 minutes.

- **<dl>, <dt>, <dd>**

<dl> - Description List element

<dt> - Description Term element

<dd> - Description Details element

```

<p>Cryptids of Cornwall:</p>
<dl>
  <dt>Beast of Bodmin</dt>
  <dd>A large feline inhabiting Bodmin Moor.</dd>

  <dt>Morgawr</dt>
  <dd>A sea serpent.</dd>

  <dt>Owlman</dt>
  <dd>A giant owl-like creature.</dd>
</dl>

```

Cryptids of Cornwall:

Beast of Bodmin

A large feline inhabiting Bodmin Moor.

Morgawr

A sea serpent.

Owlman

A giant owl-like creature.

- **<p>**

- Paragraph element

```

<p>Some species live in houses where they hunt
insects attracted by artificial light.</p>

```

Some species live in houses where they hunt insects attracted by artificial light.

- **<figure>, <figcaption>**

<figure> - image එකකට caption එකක් දාල explain කරන්න

<figcaption> - Figure Caption element

```
<figure>
  
  <figcaption>An elephant at sunset</figcaption>
</figure>
```



- **<div>**

- Content Division element

section එකක් ඇතුළත නියමය දේවල් වෙන් කරන්න.

```
<div class="warning">
  
  <p>Beware of the leopard</p>
</div>
```



- **<hr>**

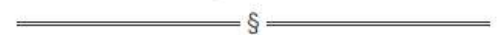
- Horizontal Rule

```
<p>§1: The first rule of Fight Club is: You do not
talk about Fight Club.</p>

<hr>

<p>§2: The second rule of Fight Club is: Always
bring cupcakes.</p>
```

§1: The first rule of Fight Club is: You do not talk about Fight Club.



§2: The second rule of Fight Club is: Always bring cupcakes.

- **<pre>**

- Preformatted Text element

- ගහන විදියටම පෙන්නනො, format කරන්නෙ නැතුව.(මෙත style apply වෙන්නෙ නෑ)

```

<pre>
  L           TE
  A           A
  C           V
  R A
  DOU
  LOU
  REUSE
- Apollinaire
</pre>

```

```

L           TE
A           A
C           V
R A
DOU
LOU
REUSE

```

- Apollinaire

- **<menu>**

- Menu element

```

<div class="news">
  <a href="#">NASA's Webb Delivers Deepest
  Infrared Image of Universe Yet</a>
  <menu>
    <li><button id="save">Save for later</button>
  </li>
    <li><button id="share">Share this
  news</button></li>
  </menu>
</div>

```

[NASA's Webb Delivers Deepest Infrared Image of Universe Yet](#)

Save for later

Share this news

Inline Text Semantics

- **<a>**

- Anchor element

```

<p>You can reach Michael at:</p>
<ul>
  <li><a href="https://example.com">Website</a></li>
  <li><a href="tel:+123456789">Phone</a></li>
</ul>

```

You can reach Michael at:

- [Website](#)
- [Phone](#)

- `download`
 - test.pdf file එක "My CV" නමින් download වෙනවා

- **<abbr>**

- Abbreviation element
- title ekata dena text eka pennanoo mouse pointer eka tibbama

```

<abbr title="HyperText Markup Language">HTML</abbr>

```

HTML

- **, **

**** - Bring Attention To element (kiyawana kenata special attention ekaka ganna)

**** - Strong Importance element, strongly kiyawana wadagath kiyala

(2kama render wenne bold text ekak widiyata)

```
<p>... the most important rule, the rule you can
never forget, <b>no matter</b> how much he cries, no
matter how much he begs: <strong>never feed him
after midnight</strong>.</p>
```

... the most important rule, the rule you can never forget, **no matter** how much he cries, no matter how much he begs: **never feed him after midnight.**

- **<bdi>**

- Bidirectional text(eka eka pati walata liyana eewa, arabic wage) isolate karai.

```
<h1>World wrestling championships</h1>
<ul>
  <li><bdi class="name">Evil </bdi>: 1st place</li>
  <li><bdi class="name">Franç</bdi>: 2nd place</li>
  <li><span class="name">سما</span>: 3rd place</li>
  <li><bdi class="name">الرجل</bdi>: 4th place</li>
  <li><span class="name" dir="auto">سما</span>: 5th
place</li>
</ul>
```

World wrestling championships

- Evil : 1st place
- Franç: 2nd place
- 3 : سما 3rd place
- الرجل: 4th place
- سما: 5th place

- **<bdo>**

- Bidirectional Text Override element
- Text direction eka change karai

```
<p>This text will go left to right.</p>
<p><bdo dir="rtl">This text will go right to left.
</bdo></p>

<p>This text will go right to left.</p>
<p><bdo dir="ltr">This text will go left to right.
</bdo></p>
```

This text will go left to right.

.tfel ot thgir og lliw txet siht

This text will go right to left.

This text will go left to right.

- **
**

- Line Break element
- Paragraph brak karanna use karai

```
<p> O'er all the hilltops<br>
  Is quiet now,<br>
  In all the treetops<br>
  Hearest thou<br>
</p>
```

O'er all the hilltops
Is quiet now,
In all the treetops
Hearest thou

- **<wbr>**

- Line Break Opportunity element
- Word break karanna use karanne
- Diga wachanayak type karaddi eeka breakdown wenna oona tana pennanna
(vertical side scrollbar ekak enne naa etakota)

```
<p>Fernstraßen<wbr>bau<wbr>privat<wbr>finanzierungs<wbr>gesetz</p>

<p>Fernstraßen&shy;bau&shy;privat&shy;finanzierungs&shy;gesetz</p>
</div>
```

Fernstraßenbauprivatfinanzierungs-
gesetz

Fernstraßenbauprivatfinanzierungs-
gesetz

- **<cite>**

- Citation element
- Uputa gattu thana daanna
- (attribute ekakut thiyeno)

```
<figure>
  <blockquote>
    <p>It was a bright cold day in April, and
the clocks were striking thirteen.</p>
  </blockquote>
  <figcaption>First sentence in

  <cite><a href="http://www.george-
orwell.org/1984/0.html">Nineteen Eighty-Four</a>
</cite>

  by George Orwell (Part 1, Chapter 1).</figcaption>
</figure>
```

It was a bright
cold day in April,
and the clocks
were striking
thirteen.

First sentence in [Nineteen
Eighty-Four](http://www.george-orwell.org/1984/0.html) by George
Orwell (Part 1, Chapter 1).

- **<code>**

- Inline Code element


```
<p>The push() method adds one or more elements to the end of an array and returns the new length of the array.</p>
```

The `push()` method adds one or more elements to the end of an array and returns the new length of the array.

- **<data>**

- Data element
- machine-readable translation daanna (ex: product name ekai number ekai daaddi)

```
<p>New Products:</p>
<ul>
  <li><data value="398">Mini Ketchup</data></li>
  <li><data value="399">Jumbo Ketchup</data></li>
  <li><data value="400">Mega Jumbo Ketchup</data>
</li>
</ul>
```

New Products:

- Mini Ketchup
- Jumbo Ketchup
- Mega Jumbo Ketchup

- **<dfn>**

- Definition element

```
<p>A <dfn id="def-validator">validator</dfn> is a program that checks for syntax errors in code or documents.</p>
```

A *validator* is a program that checks for syntax errors in code or documents.

- ****

- Emphasis element
- stress level eka wadi wenna oona wachana walata daano (render wenne italic widiyata)

```
<p>Get out of bed <em>now</em>!</p>
<p>We <em>had</em> to do something about it.</p>
<p>This is <em>not</em> a drill!</p>
```

Get out of bed *now*!

We *had* to do something about it.

This is *not* a drill!

- **<i>**

- Idiomatic Text element

```
<p>The term <i>bandwidth</i> describes the measure of how much information can pass through a data connection in a given amount of time.</p>
```

The term *bandwidth* describes the measure of how much information can pass through a data connection in a given amount of time.

- **<kbd>**

- Keyboard Input element
- Shortcut ekak wen kara penwai

```
<p>Please press <kbd>Ctrl</kbd> + <kbd>Shift</kbd> + <kbd>R</kbd> to re-render an MDN page.</p>
```

Please press **Ctrl** + **Shift** + **R** to re-render an MDN page.

- **<mark>**

- Mark Text element
- Mark / highlight karanna

```
<p>Search results for "salamander":</p>
<hr>
<p>Several species of <mark>salamander</mark> inhabit the temperate rainforest of the Pacific Northwest.</p>
```

Search results for "salamander":

Several species of **salamander** inhabit the temperate rainforest of the Pacific Northwest.

- **<q>**

- Inline Quotation element
- Double quote athule enne

```
<p>When Dave asks HAL to open the pod bay door, HAL answers:
<q
cite="https://www.imdb.com/title/tt0062622/quotes/qt0396921">I'm sorry, Dave. I'm afraid I can't do that.
</q>
</p>
```

When Dave asks HAL to open the pod bay door, HAL answers: "I'm sorry, Dave. I'm afraid I can't do that."

- **<rp>**

Ruby Fallback Parenthesis element

```
<ruby>
漢 <rp>(</rp><rt>kan</rt><rp>)</rp>
字 <rp>(</rp><rt>ji</rt><rp>)</rp>
</ruby>
```

kan ji
漢字

- **<rt>**

Ruby Text element

```
<ruby>
漢 <rp>(</rp><rt>kan</rt><rp>)</rp>
字 <rp>(</rp><rt>ji</rt><rp>)</rp>
</ruby>
```

kan ji
漢字

- **<ruby>**

Ruby Annotation element

```
<ruby>
明日 <rp>(</rp><rt>Ashita</rt><rp>)</rp>
</ruby>
```

Ashita
明日

- **<S>**

- Strikethrough element
- Text eka madin irak adinna

```
<p><s>There will be a few tickets available at the
box office tonight.</s></p>

<p>SOLD OUT!</p>
```

~~There will be a few tickets available at
the box office tonight.~~

SOLD OUT!

- **<samp>**

- Sample Output element
- Represents sample (or quoted) output from a computer program

```
<p>I was trying to boot my computer, but I got this
hilarious message:</p>

<p><samp>Keyboard not found <br>Press F1 to
continue</samp></p>
```

I was trying to boot my computer, but I
got this hilarious message:

Keyboard not found
Press F1 to continue

- **<small>**

- side comment element
- represents side-comments and small print, like copyright and legal text, independent of its styled presentation.


```
<p>MDN Web Docs is a learning platform for Web technologies and the software that powers the Web.</p>

<hr>

<p><small>The content is licensed under a Creative Commons Attribution-ShareAlike 2.5 Generic License.</small></p>
```

MDN Web Docs is a learning platform for Web technologies and the software that powers the Web.

The content is licensed under a Creative Commons Attribution-ShareAlike 2.5 Generic License.

- ****

- Content Span element
- It can be used to group elements for styling purposes

```
<p>Add the <span class="ingredient">basil</span>, <span class="ingredient">pine nuts</span> and <span class="ingredient">garlic</span> to a blender and blend into a paste.</p>

<p>Gradually add the <span class="ingredient">olive oil</span> while running the blender slowly.</p>
```

Add the **basil**, **pine nuts** and **garlic** to a blender and blend into a paste.

Gradually add the **olive oil** while running the blender slowly.

- **<sub>**

- Subscript element

```
C<sub>8</sub>H<sub>10</sub>N<sub>4</sub>O<sub>2</sub>
```

C₈H₁₀N₄O₂

- **<sup>**

- Superscript element

```
<var>a<sup>2</sup></var> + <var>b<sup>2</sup></var>
= <var>c<sup>2</sup></var>
```

$a^2 + b^2 = c^2$

- **<time>**

- (Date) Time element

```
<p>The Cure will be celebrating their 40th anniversary on <time datetime="2018-07-07">July 7</time> in London's Hyde Park.</p>

<p>The concert starts at <time datetime="20:00">20:00</time> and you'll be able to enjoy the band for at least <time datetime="PT2H30M">2h 30m</time>.</p>
```

The Cure will be celebrating their 40th anniversary on **July 7** in London's Hyde Park.

The concert starts at **20:00** and you'll be able to enjoy the band for at least **2h 30m**.

- **<u>**

- Unarticulated Annotation (Underline) element
- Waraddak tiye nm pennanna(spelling mistakes wage ewa)

```
<p>You could use this element to highlight
<u>speling</u> mistakes, so the writer can
<u>corect</u> them.</p>
```

You could use this element to highlight speling mistakes, so the writer can corect them.

- **<var>**

- Variable element

```
<p>The volume of a box is <var>l</var> ×
<var>w</var> × <var>h</var>, where <var>l</var>
represents the length, <var>w</var> the width and
<var>h</var> the height of the box.</p>
```

The volume of a box is *l* × *w* × *h*, where *l* represents the length, *w* the width and *h* the height of the box.

Image and multimedia

- ** , <map> , <area>**

**** - Image Embed element

- Attributes
 - src → image source
 - alt → alternative text (image eka render nownot pennano)
 - height
 - weight
 - usemap → use karana map eke name eka

<map> - Image Map element

<area> - Image Map Area element

<map> , **<area>** tag walin click karanna puluwn area ekak hadano image eke

shape - map area eke shape eka

coords - shape eke x,y ටේඩ් & circul ekak nm radius ,

rectangle ekak nm width,height

```

```

```
<map name="dogMap">
```

```
  <area target="_blank" shape="circle" coords="550,350,50"
  href="http://ijse.lk" alt="">
```

```
  <area target="_blank" shape="circle" coords="440,250,20"
  href="http://google.com" alt="">
```

```
  <area target="_blank" shape="circle" coords="610,220,20"
  href="http://bing.com" alt="">
```

```
  <area target="_blank" shape="rect" coords="0,0,100,100"
  href="http://mdn.com" alt="">
```

```
    <!--Rect : X and Y and then Width and Height-->
```

```
    <!--Circle : X and Y and then Radius-->
```

```
</map>
```

- **<audio>**

- Embed Audio element

```
<audio src="http://www.sololearn.com/uploads/audio.mp3" controls>
|   Audio not supported
</audio>
```



- **<video>**

- Video Embed element

```
<video controls>
  <source src="http://www.sololearn.com/uploads/video.mp4" type="video/mp4">
  <source src="http://www.sololearn.com/uploads/video.ogv" type="video/ogg">
  Video is not supported by your browser
</video>
```



- controls attribute eken browser eke play wenna oona player eka hadano
- Video , Audio AutoPlay wada naa modern browser wala (video wala muted daala autoplay wenna tiyanna pulwn)

- **<track>**

- Embed Text Track element
- video / audio wala subtitle daanna use karano
- .vtt format eken subtitle file eka denna oona

←!—Video with captions—→

```
<video src="assets/video/video.mp4" controls autoplay muted width="300">
  <track default
    srclang="en"
    kind="captions"
    src="assets/tracks/caption.vtt">
</video>
```

embedded content

- **<object>**

- External Object element
- Pdf wage file daanan

```
<object type="application/pdf"
data="/media/examples/In-CC0.pdf"
width="250"
height="200">
</object>
```



- **<iframe>**

- Site ekak, yt video ekak embed karanna

```
<iframe id="inlineFrameExample"
title="Inline Frame Example"
width="300"
height="200"
src="https://ijse.lk">
</iframe>
```



```
<iframe width = "250"
src="https://www.youtube.com/embed/0FcZgbMA8zo"
title="YouTube video player" frameborder="0"
allow="accelerometer; autoplay; clipboard-write;
encrypted-media; gyroscope; picture-in-picture; web-
share" allowfullscreen></iframe>
```



- **<source>**

- Media or Image Source element
- Source eka daanna

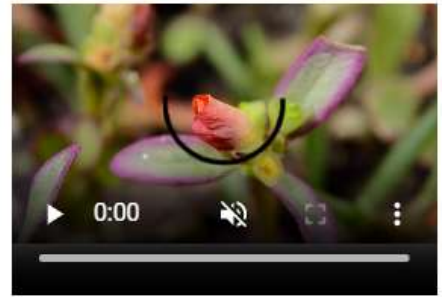
```

<video controls
  width="250"
  height="200"
  muted>

  <source src="/media/cc0-videos/flower.webm"
    type="video/webm">
  <source src="/media/cc0-videos/flower.mp4"
    type="video/mp4">

</video>

```



● <picture >

- Picture element
- Orientation wenas weddi/ Screen width eka wenas weddi image eka change karanna puluwan

<picture>

←!—pixel 800ta wadi device ekakin baladdi—→

```

<source srcset="assets/img/gifimage.gif"
  media="(min-width:800px)">

```

←!—pixel 800ta adui nm—→

```



```

</picture>

```

<!--Change the browser window width to see the image
change.-->

<picture>
  <source srcset="/media/cc0-images/surfer-240-
200.jpg"
    media="(orientation: portrait)">
  
</picture>

```



● <embed>

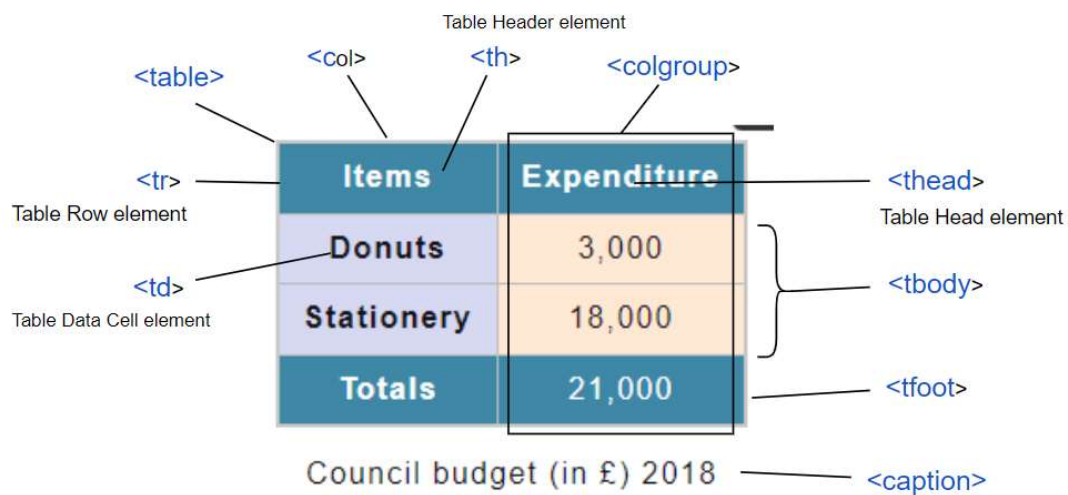
- Embed External Content element
- Modern browser support nathi nisa wadak naa


```
<embed type="video/webm"
src="/media/cc0-videos/flower.mp4"
width="250"
height="200">
```



- **<portal>**
Experimental

Table content



```
<table>
  <caption>Council budget (in £) 2018</caption>

  <colgroup>
    <col span="1" class="Items">
    <col span="1" class="Expenditure">
  </colgroup>

  <thead>
```

```

        <tr>
            <th>Items</th>
            <th scope="col">Expenditure</th>
        </tr>
    </thead>
    <tbody>
        <tr>
            <th scope="row">Donuts</th>
            <td>3,000</td>
        </tr>
        <tr>
            <th scope="row">Stationery</th>
            <td>18,000</td>
        </tr>
    </tbody>
    <tfoot>
        <tr>
            <th scope="row">Totals</th>
            <td>21,000</td>
        </tr>
    </tfoot>
</table>

```

- **<table>**
Table element
- **<caption>**
Table Caption element
- **<col>**
Table Column element
- **<colgroup>**
Table Column Group element

- **<thead>**
Table Head element
- **<tr>**
Table Row element
- **<th>**
Table Header element
- **<tbody>**
Table Body element
- **<td>**
Table Data Cell element
- **<tfoot>**
Table Foot element

Forms

- **<form>**
Form element

```

    action="yawana location eka"
    method="post"

```

```

<form action="" method="get" class="form-example">
  <div class="form-example">
    <label for="name">Enter your name: </label>
    <input type="text" name="name" id="name"
required>
  </div>
  <div class="form-example">
    <label for="email">Enter your email: </label>
    <input type="email" name="email" id="email"
required>
  </div>
  <div class="form-example">
    <input type="submit" value="Subscribe!">
  </div>
</form>

```

Enter your

name:

Enter your

email:

Subscribe!

- **<button>**

Button element

type="button" ← normal button
type="submit" ← Submit form
type="reset" ← reset form fields

```
<button type="button">
  Add to favorites
</button>
```

Add to favorites

- **<datalist>**

HTML Data List element

```
<label for="ice-cream-choice">Choose a flavor:
</label>
<input list="ice-cream-flavors" id="ice-cream-
choice" name="ice-cream-choice">

<datalist id="ice-cream-flavors">
  <option value="Chocolate">
  <option value="Coconut">
  <option value="Mint">
</datalist>
```

Choose a flavor:



- **<select>**

HTML Select element

<select id="lang" multiple> ← multiple select karanna pulwn
multiple dammama

```
<label for="pet-select">Choose a pet:</label>

<select name="pets" id="pet-select">
  <option value="dog">Dog</option>
  <option value="cat">Cat</option>
  <option value="hamster">Hamster</option>
  <option value="parrot">Parrot</option>
  <option value="spider">Spider</option>
  <option value="goldfish">Goldfish</option>
</select>
```

Choose a pet:



- **<optgroup>**

Option Group element

```

<label for="dino-select">Choose a dinosaur:</label>
<select id="dino-select">
  <optgroup label="Theropods">
    <option>Tyrannosaurus</option>
    <option>Velociraptor</option>
    <option>Deinonychus</option>
  </optgroup>
  <optgroup label="Sauropods">
    <option>Diplodocus</option>
    <option>Saltasaurus</option>
    <option>Apatosaurus</option>
  </optgroup>
</select>

```

Choose a dinosaur: Tyrannosaurus ▼

Theropods
Tyrannosaurus
Velociraptor
Deinonychus
Sauropods
Diplodocus
Saltasaurus
Apatosaurus

- **<option>**

HTML Option element ↑

<select> / <optgroup> / <datalist> ekak athule menu items daanna use karai.

- **<fieldset>**

Field Set element

```

<form>
  <fieldset>
    <legend>Choose your favorite monster</legend>

    <input type="radio" id="kraken" name="monster"
value="K">
    <label for="kraken">Kraken</label><br>

    <input type="radio" id="sasquatch"
name="monster" value="S">
    <label for="sasquatch">Sasquatch</label><br>

    <input type="radio" id="mothman" name="monster"
value="M" />
    <label for="mothman">Mothman</label>
  </fieldset>
</form>

```

Choose your favorite monster

☐ Kraken

☐ Sasquatch

☐ Mothman

- **<legend>**

Field Set Legend element ↑

Field set ekaka caption eka daanna.

- **<input>**

Input (Form Input) element

```
<label for="name">Name (4 to 8 characters):</label>

<input type="text" id="name" name="name" required
      minlength="4" maxlength="8" size="10">
```

Name (4 to 8 characters):

```
<input id="pro" type="range">
```

- **<label>**

Label element

```
required ← aniwaryen fill karanna oona
type="text"
```

```
<div class="preference">
  <label for="cheese">Do you like cheese?</label>
  <input type="checkbox" name="cheese" id="cheese">
</div>

<div class="preference">
  <label for="peas">Do you like peas?</label>
  <input type="checkbox" name="peas" id="peas">
</div>
```

Do you like
cheese? ☒

Do you like
peas? ☐

- **<meter>**

HTML Meter element

```
<label for="fuel">Fuel level:</label>

<meter id="fuel"
      min="0" max="100"
      low="33" high="66" optimum="80"
      value="50">
  at 50/100
</meter>
```

Fuel level:

- **<progress>**

Progress Indicator element

```
<label for="file">File progress:</label>


<progress id="file" max="100" value="70"> 70%
</progress>
```

File progress: 

- **<output>**

Output element

```
<form oninput="result.value=parseInt(a.value)+parseInt(b.value)">
  <input type="range" id="b" name="b" value="50" /> +
  <input type="number" id="a" name="a" value="10" /> =
  <output name="result" for="a b">60</output>
</form>
```

 + = 77

- **<textarea>**

Textarea element

```
<label for="story">Tell us your story:</label>

<textarea id="story" name="story"
  rows="5" cols="33">
It was a dark and stormy night...
</textarea>
```

Tell us your story:

It was a dark and stormy
night...
|
