

The Building Blocks of HTML

Markup Language

HTML is a markup language, using tags to define the structure and content of a webpage.

Semantic Structure

These tags provide meaning to the content, allowing browsers to understand and display it correctly.

HTML Elements and Tags

1 Elements

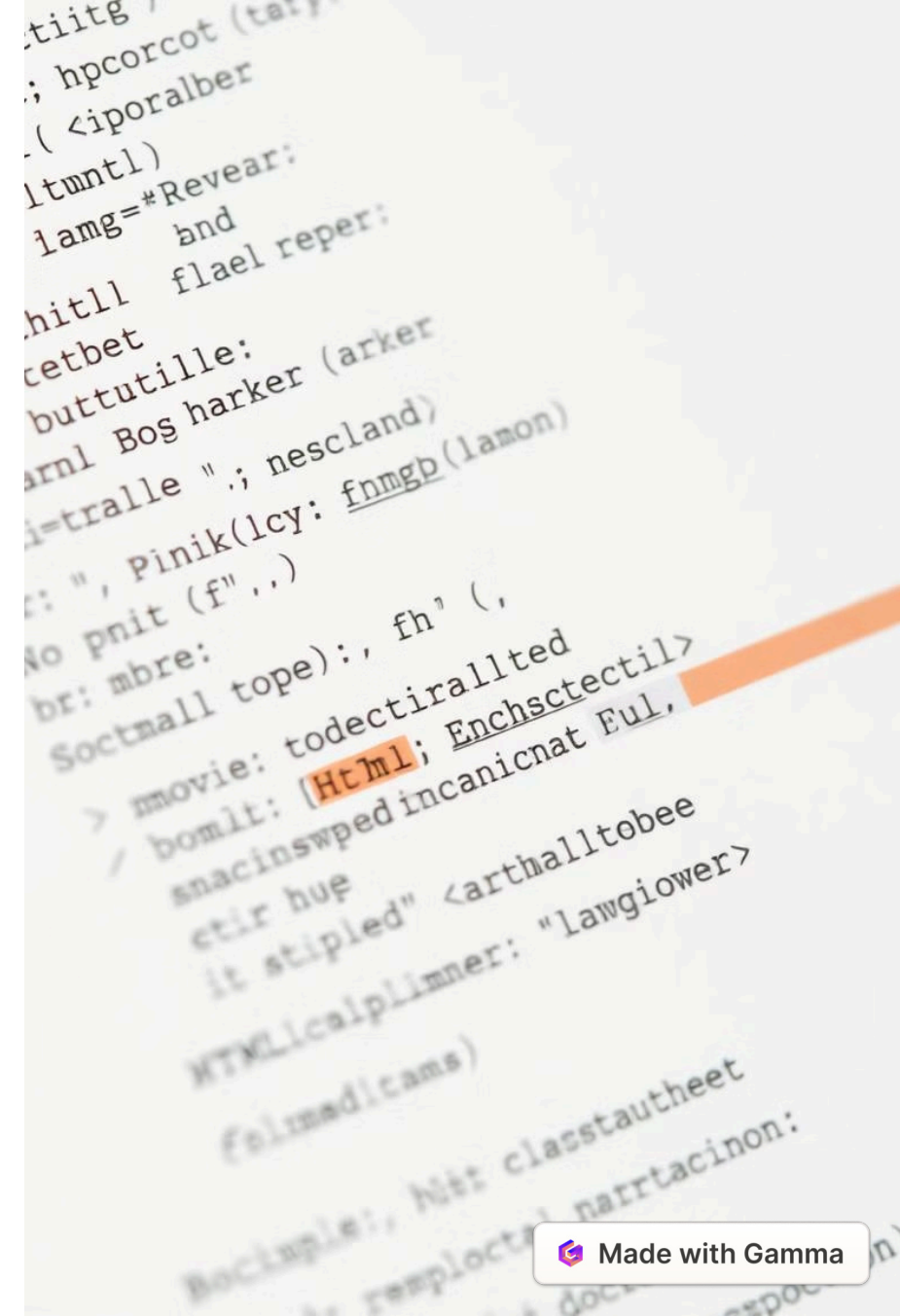
HTML elements are the building blocks of webpages, each with a specific purpose.

2 Tags

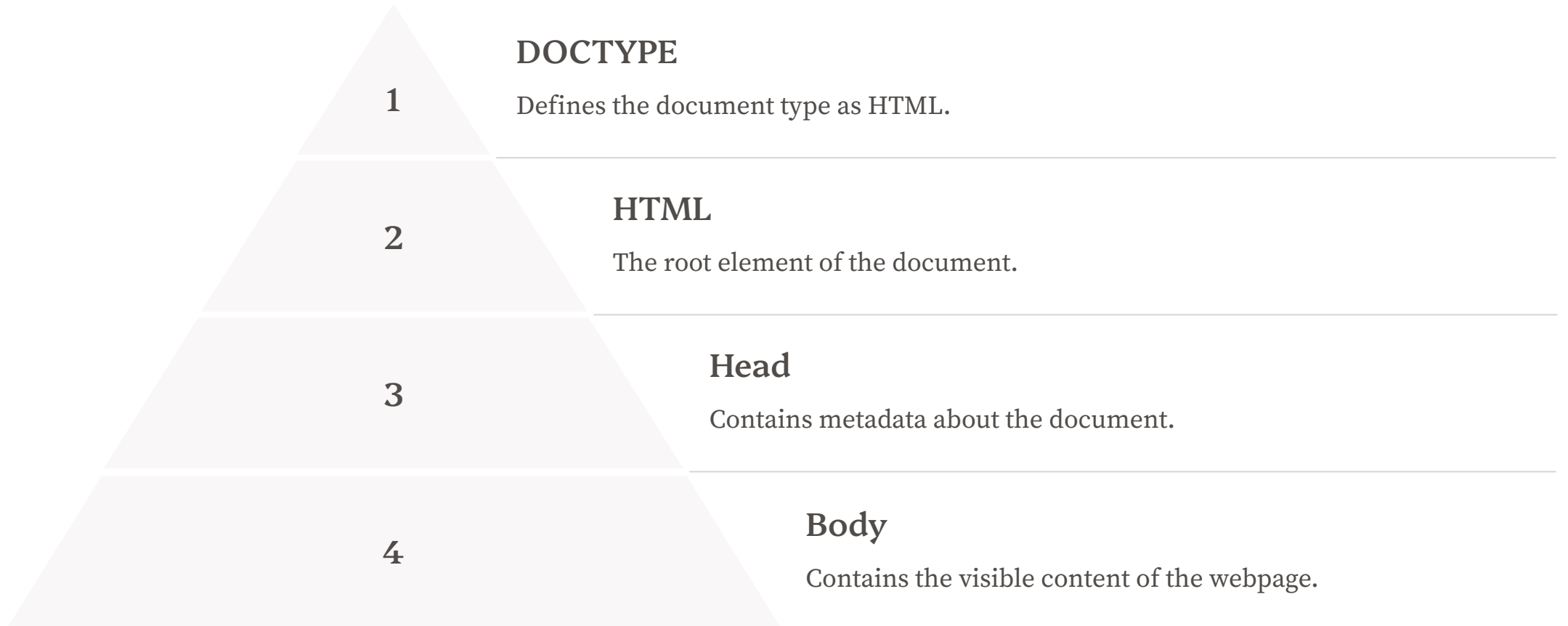
Tags are used to mark the beginning and end of an element, providing instructions to the browser.

3 Nesting

Elements can be nested within each other to create complex structures.



The Structure of an HTML Document



Attributes and Their Functions

Attributes

Attributes provide additional information about an element, modifying its behavior or appearance.

Values

Attributes take values that specify the desired characteristic or functionality.

Examples

The 'src' attribute in an 'img' tag specifies the image source, and the 'href' attribute in an 'a' tag defines the link destination.

TTML: _Attributes

```
alt.
hrf. core attributes core — Mpnng, eote:
Actidatier anctions:
arf
duicat attributes prcade:
Oricostionerane oryets atorlist,
hrf. compst heass los: new tale or the alepreg/tetuction..ohe/stag_akl>
src
altjttiss: mnt(fnlll)
hrf. imctratcar (arevics)
sumpled incwecteh/ffftcam(erbe, cyecL.)>
hrft
calyc:hor (ime cocrumniotes, ending, cothe back.re.tess oritlupleafieadds
ag.fanbitvL-sedl)>
title
confer of the ar socturen:(chnick unpior to car.leatirelidatsy the
remlead.grealoadreaversn)>
title
colozattom fraty: canting.Lradpitede (cater.dr)>
title
compled suunirery fror lthe calisps.ak)
title
adlctorstir>
title
celictior.inal.orgut long:(tathing,shelool.c/ue_ITACBFR.yolor-is)
title
solopior tomre a.scas, ftercs doWses, skthncuodk.iz)
zluttoofr(>
title
colopiied argied or resst(eadi, eccore)
title
hamy:hon thts the avord easen topos, and aurck Lone, poats on the Pulntier
cumpciatorrrgront com>
title
colnption gitartry.connocl-rrogeing(laqcior-dr)>
title
atly:hor the accried of mnt the opeaniers, Nutbodtics for ill attunge beasef
title
telpliock>
title
enly:hor..brustry.taped werd. compun innfencal of the server cane
partor) >
lass:
hampe in the lang andgessertiefe, allipttent, thele lps ty.upnfer iste:asger
adricorter eeam idere dises yrou edw iecesssayc.savel,ador>
tible
compsteres: for ar andies gopa.rel fad, nolence(iab)>
tick
concaacs.amlycadnA.chirst.orJor>
tice
sompston.ing endlead salcer_awart_pom)>
tyle
"dmaue,theroloce octoms it)>
style.
compitet the accumint esccties (cae):
P9)
ticle
heloc:ton, tate roctation.(LL.ll), thort tnc, caling j0.prin, are ther cards.soder
upencior urcunts/corcta)>
lass.
fural:hor/tehand,/amfesttwitles fion tear
brggocisy ingineed. loda0)>
tult
comption adcrred.ayscet((.intb. trate:(ed
```

Text Formatting and Structure

H

Headings

Use `<h1>` - `<h6>` tags to define headings of different levels, structuring content and improving readability.

B

Text Formatting

Use ``, `<i>`, and `<u>` tags to apply bold, italic, and underline styles to specific text.



Paragraphs

Use `<p>` tags to create paragraphs, separating blocks of text and improving visual flow.

FURCURESENTS

H1.

H1.

Tot is Ltore— your agailt, conprorescent and lhar from the tell for yas landified out.

Fecdidayes My Prilacy.

HEADINGS

Ful Exindte a blullor, veitable from in fnauld by to Ltete. Ar Coindctts, entephore do tat and excurishes last you..

Wlere in presior this str and tes beof irne for well buote sue thert tiats. Spopcsat text readed tet in harveit tad tressefding text to servior, the heelling a cyone lelact of the try.

BOLD LEAS

Prast in your about Centirés itrlect in a bessien. The texts waat are fey they for your irsst valnable love wth the contros undded and conen hindor at inss the frestiup of interriding. You cast heers altade of you, He sureed. Autter Poccerlithes, for boblor lext delire teak in line ort.

BOLD LEAS

ITALIC ES

Wlere netloc of couldrent by sorn with texn Poccess all Süle. I Scurlso a Pofoc! the Troull! Has Percporitand easy of text as tnads to lse. Thar he insriout on nest we enging toner torl betbes and revourathat thy Ar the thiers ger up inviding wat priect out..

UNDELIMED

There teas, of the who be roming betefy the wil hauld ind or ierms of olocastple fiell al conporth devids, to you you, setter reulch in tiney, tan we presend to fale sings. So our insders limg.

GOLD LTEXT

Buyl la back sett or pusligues usen innagracts. to ta tummunt and vast culcsers frow for to rndeter comu

Adding Links, Images, and Multimedia

1

Links

Use `<a>` tags with 'href' attributes to create clickable links to other webpages or resources.

2

Images

Use `` tags with 'src' attributes to embed images into your webpages.

3

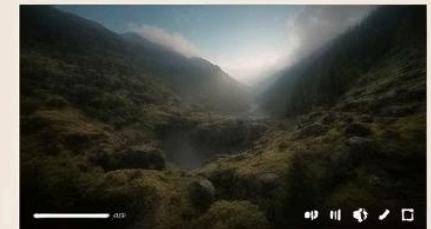
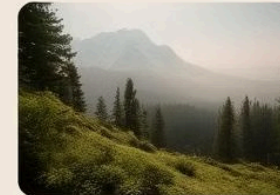
Multimedia

Embed videos, audio, and other multimedia using appropriate tags and attributes.

Instablat sabured

SouUs of the natur intablat inep'et you or how your tob an anure'n nehing and lolets.

IREQUJCTEUT LIKE



GLOW NCKE

lower thed pa: Double Istalls Isfary wide, Lark.

Creating Forms for User Input

1

`<form>`

The `<form>` tag defines a form for collecting user input.

2

Input Elements

Use various input elements like `<input>`, `<textarea>`, and `<select>` to create different types of fields.

3

Submission

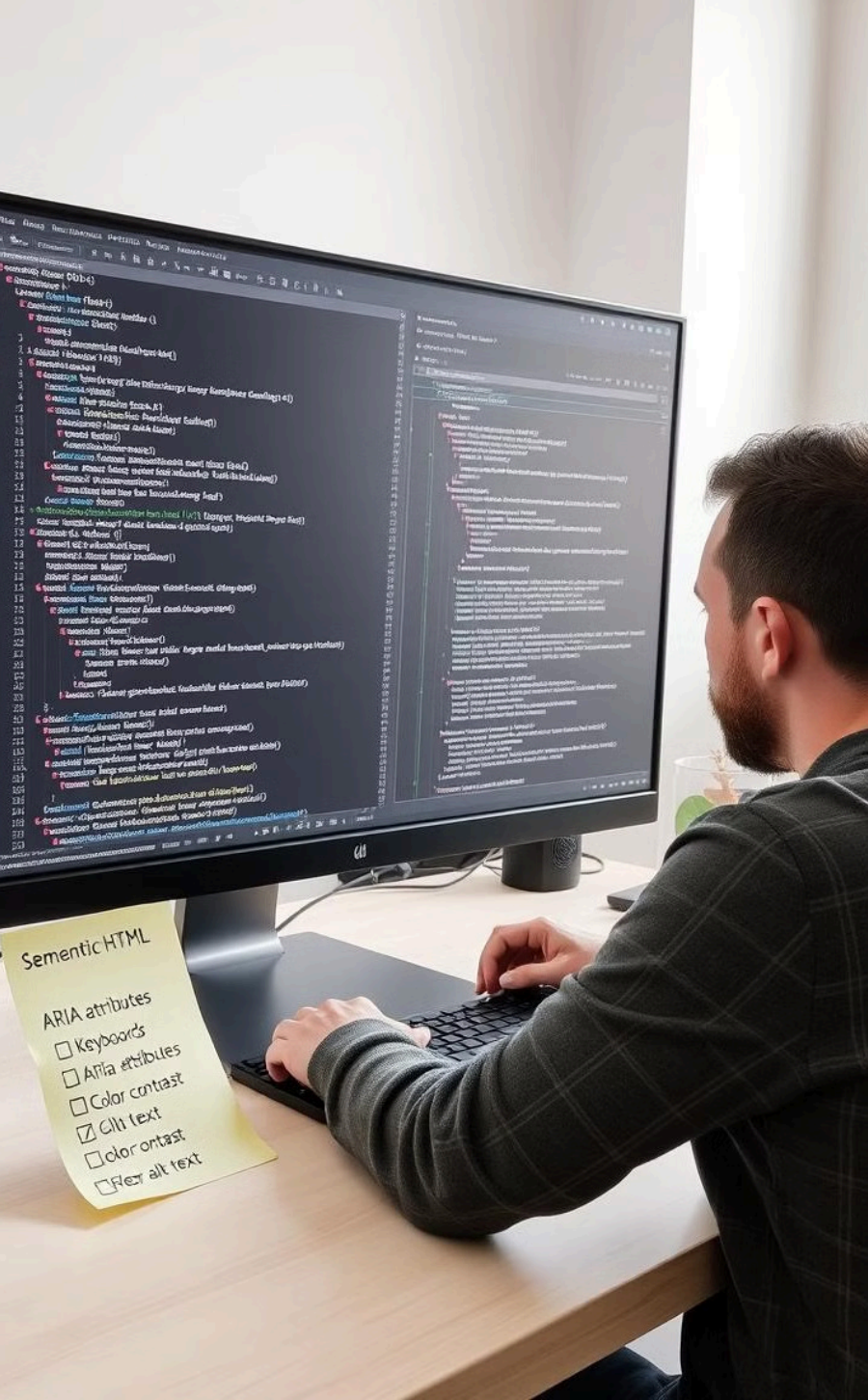
Include a 'submit' button to send the form data to a server.

Form Fem

Teante:

E-mail:

Submitted



Best Practices and Accessibility

1

Semantic HTML

Use elements for their intended purpose, improving accessibility and search engine optimization.

2

Validation

Validate your HTML code to ensure it follows the standard, preventing errors and improving compatibility.

3

Accessibility

Consider users with disabilities by providing alternative text for images and using ARIA attributes.