

# HTML Cheat Sheet

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Here's a structured summary of the key points from the **Semantic HTML Cheat Sheet** on Coursera:

## Sectioning Tags

Used to organize the layout and structure of a webpage:

- **<header>, <footer>, <main>, <nav>**: Define major page areas.
- **<article>, <section>, <aside>**: Segment content meaningfully.
- **<details>, <summary>**: Create expandable/collapsible content.
- **<h1> to <h6>**: Define headings with hierarchical importance.

## Content Tags

Describe and format textual and list-based content:

- Lists: **<ul>, <ol>, <li>, <menu>**
- Text blocks: **<p>, <blockquote>, <pre>, <hr>**
- Descriptions: **<dl>, <dt>, <dd>**
- Figures: **<figure>, <figcaption>**

## Inline Tags

Used within text for emphasis, formatting, and semantics:

- Emphasis: **<strong>, <em>, <mark>, <small>**
- Formatting: **<b>, <i>, <u>, <s>, <br>**
- Code/data: **<code>, <samp>, <var>, <data>**
- Links and references: **<a>, <abbr>, <cite>, <q>, <time>, <span>, <sub>, <sup>**

## Media & Embedded Content

For integrating multimedia and external resources:

- Audio/Video: **<audio>, <video>, <source>**
- Graphics: **<canvas>, <svg>, <picture>**
- External content: **<embed>, <object>, <iframe>**
- Images: **<img>**

## Table Tags

Structure tabular data semantically:

- Container: **<table>, <caption>**
- Sections: **<thead>, <tbody>, <tfoot>**
- Rows & cells: **<tr>, <th>, <td>**
- Column formatting: **<colgroup>, <col>**

From <https://copilot.microsoft.com/chats/tA5YQg36oKALH1N7KNhCr>