



**If you're starting to learn HTML (HyperText Markup Language), here's a roadmap of what you need to focus on:**

## **1. Basics of HTML**

What is HTML and how it works

Structure of an HTML document:

## **2. Essential HTML Tags**

Headings: `<h1>` to `<h6>`

Paragraphs: `<p>`

Links: `<a href="...">`

Images: ``

Lists:

Ordered: `<ol><li>Item</li></ol>`

Unordered: `<ul><li>Item</li></ul>`

Tables: `<table>`, `<tr>`, `<td>`, `<th>`

Forms: `<form>`, `<input>`, `<textarea>`, `<select>`, `<button>`

## **3. Attributes**

`href`, `src`, `alt`, `title`, `target`, `type`, `name`, `value`, etc.

## **4. Semantic HTML**

Learn semantic tags that give meaning to your HTML:

`<header>`, `<footer>`, `<nav>`, `<main>`, `<article>`, `<section>`, `<aside>`

## **5. Forms and Inputs**

Understand how to collect data:

Input types: text, email, password, radio, checkbox, submit

Labeling inputs properly using <label for="">

Grouping with <fieldset>, <legend>

## **6. Multimedia**

Audio: <audio src="..." controls>

Video: <video src="..." controls>

Embedding content: <iframe>

## **7. HTML5 Features**

New input types: date, range, color

Placeholder and required fields

Native form validation

## **8. Best Practices**

Use proper indentation

Close all tags

Use semantic tags

Write accessible HTML (use alt attributes, label form elements)

HTML Responsive Web Design

What is Responsive Web Design?

Using Emojis in HTML

HTML Color Names

HTML Audio/Video Methods

QHTML APIs

1. Geolocation API

2. Drag and Drop API

3. Web Storage API

4. Web Workers API

## 5. Server-Sent Events API

## 6. Canvas API

### HTML Tags

!DOCTYPE	a	abbr	acronym
address	applet	area	article
aside	audio	b	base
basefont	bdi	bdo	big
blockquote	body	br	button
canvas	caption	center	cite
code	col	colgroup	data
datalist	dd	del	details
dfn	dialog	dir	div
dl	dt	em	embed
fieldset	figcaption	figure	font
footer	form	frame	frameset
h6	head	header	hgroup
hr	html	i	iframe
img	input	ins	kbd
label	legend	li	link
main	map	mark	menu
meta	meter	nav	noframes
noscript	object	ol	optgroup
option	output	p	param
picture	pre	progress	q
rp	rt	ruby	s
samp	script	search	section
select	small	source	span
strike	strong	style	sub
summary	sup	svg	table
tbody	td	template	textarea
tfoot	th	thead	time
title	tr	track	tt
u	ul	var	video
wbr			