

The background is a dark blue gradient with a subtle pattern of small white dots. Overlaid on this are several faint, light blue geometric elements: concentric circles, arcs, and degree markings (40, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260). Some of these elements have small arrows indicating a direction of movement or rotation.

5 RULES AND 3 TERMS FOR CREATING SOME GREAT HTML CODE



<html>

TAG

THE OPENING OR CLOSING BRACKET THAT SURROUNDS THE TERM THAT IS USED ON THE WEBPAGE.

[HTTPS://WWW.W3SCHOOLS.COM/TAGS/DEFAULT.ASP](https://www.w3schools.com/tags/default.asp)

Opening Tag

Content

Closing Tag

`<h1>`

HTML for Beginners

`</h1>`

h1 element

ELEMENT

THE COLLECTION OF THE START TAG, THE CONTENT, AND THE END TAG.

[HTTPS://WWW.W3SCHOOLS.COM/HTML/HTML_ELEMENTS.ASP](https://www.w3schools.com/html/html_elements.asp)

A space

The attribute name

The attribute value

`<Image src="http://bit.ly/GoogleLogoSmall" />`

An Attribute

ATTRIBUTE

MORE DETAILS ADDED TO A TAG TO DO A SPECIFIC JOB.

BASIC WEB PAGE

- `<!DOCTYPE html>`
- `<html lang="en">`
- `<head>`
- `<meta charset="utf-8">`
- `<title>Hello World</title>`
- `</head>`
- `<body>`
- `<h1>Hello World</h1>`
- `<p>This is a web page.</p>`
- `</body>`
- `</html>`
- Want to practice?
- https://www.w3schools.com/html/html_basic.asp

5 RULES

- 1. Tags are always surrounded by angle brackets (less-than/greater-than characters),
 - <HEAD>.

MOST TAGS COME IN PAIRS AND SURROUND THE MATERIAL THEY AFFECT.

They work like a light switch:

The first tag turns the action on, and the second turns it off.

The second tag--the "off switch"--always starts with a forward slash. For example, you turn on bold with ``, shout your piece, and then go back to regular text with ``.

There are some exceptions. `
` `<hr/>` ``. These are called empty tags in HTML 5.



GOOD

`` It's a great day!
``

BAD

`` It's a great day.

ORDER MATTERS

- First tag on, last tag off.
- Tags are embedded, so when you start a tag within another tag, close that inner tag before closing the outer tag.

GOOD

```
<h1> Hello there! </h1> <p> Everyone in the world. </p>
```

BAD

```
<h1> Hello there! <p> Everyone in the world. </h1> </p>
```


USE LOWERCASE LETTERS

- HTML allows mixing uppercase and lowercase letters in attribute names.
- However, we recommend using lowercase attribute names, because:
 - Mixing uppercase and lowercase names looks bad
 - Developers normally use lowercase names
 - Lowercase look cleaner
 - Lowercase are easier to write

GOOD:

```
<a href="https://www.w3schools.com/html/">
```

Visit our HTML tutorial

BAD:

```
<A HREF="https://www.w3schools.com/html/">
```

Visit our HTML tutorial



USE SPACING LOGICALLY-

- Do not add blank lines, spaces, or indentations without a reason.
- For readability, add blank lines to separate large or logical code blocks.
- https://www.w3schools.com/html/tryit.asp?filename=tryhtml_poem