

# Lesson:

# Inline Element vs Block Level Element



# Topics Covered

- Introduction to Inline elements
- Introduction to Block elements
- Inline vs Block level elements

The **HTML(HyperText markup language)** elements historically were categorised as either **Block-level** elements or **Inline-level** elements.

**Note** – Basic Inline CSS is used for understanding Block and Inline elements. More about CSS will be discussed later.

## Introduction to Inline Elements

An inline element is an HTML element that is used to define a part of a document's content within another block-level element, without creating a new line.

**Examples:** <span> , <a>, <img> etc.

Let's try to understand this with a code example – inline.html

```
Unset
<!DOCTYPE html>
<html>
<head>
  <title> Inline element demo</title>
  <script src="script.js"></script>
</head>
<body>
  <span style="background-color: yellow;">Inline
  Element 1</span>
  <span style="background-color: red;">Inline
  Element 2</span>
  <span style="background-color: orange;">Inline
  Element 3</span>
</body>
</html>
```

## Browser output -

Inline Element 1 Inline Element 2 Inline Element 3

In this example, we have three spans, and as we know span is an inline-level element so each **span** appears just after the previous **span** on the same line.

## Introduction to Block Elements

A block-level element is a displayed element on a separate line, coming after the content that comes before it.

**Example:-** <p> tag, <h1> tag, <div> tag, <section> tag , <ul> tag etc.

Let's try to understand this with a code example  
block.html

```
Unset
<!DOCTYPE html>
<html>
<head>
  <title>Block elements demo</title>
  <script src="script.js"></script>
</head>
<body>
  <div style="background-color: yellow;">Block Element
1</div>
  <div style="background-color: red;">Block Element
2</div>
  <div style="background-color: orange;">Block Element
3</div>
</body>
</html>
```

## Browser output -

Block Element 1  
Block Element 2  
Block Element 3

In this example, we have three divs, and as we know div is block level element so each div appears after the previous div on the next line.

## Inline vs Block level elements

Here are some of the points to compare the difference between Inline and Block level elements -

	Inline Level element	Block level Element
<b>Display</b>	Inline elements flow within the text of a web page.	Block-level elements create a new line and take up the full width of their parent container.
<b>Content</b>	Inline elements are typically used for small chunks of content such as hyperlinks.	Block-element are used for larger sections of content such as paragraphs or heading
<b>Nesting</b>	Inline element can be nested within other inline elements or block elements	Block level element cannot be nested within an inline element
<b>Styling</b>	Inline elements typically affect only the content within the element itself.	Block-level elements affect the layout of the surrounding content.