Why do **inline elements** do not support height and width CSS property

Want to know?

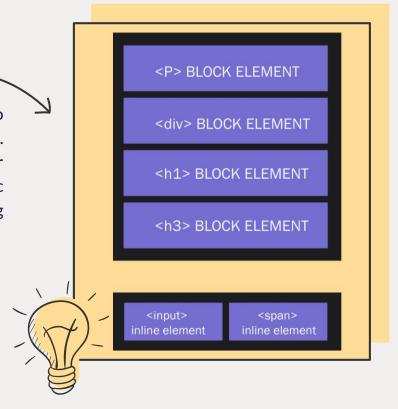# what is INLINE element first?

An HTML element called an inline element is made to blend in with the surrounding text in a line of text. Little chunks of text or material, like as links, bold or italicized text, images, and text spans with specific formatting, are frequently styled or marked up using inline components.

Some common examples of inline element:
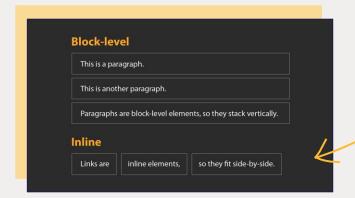
- ☐ <a>
- ☐ <b>
- ☐ <button>
- ☐ <span>
- ☐ <input>

<P> BLOCK ELEMENT

<div> BLOCK ELEMENT

<h1> BLOCK ELEMENT

<h3> BLOCK ELEMENT

<input> inline element

<span> inline element

So Now Question is ?

Inline elements are **designed to flow with the content they contain,** such as text or Links. Unlike block-level elements, which have their own dedicated space and do not flow with the surrounding content, **inline elements are positioned within the text flow** and their size is determined by the size of the content they contain.

Block-level

This is a paragraph.

This is another paragraph.

Paragraphs are block-level elements, so they stack vertically.

Inline

Links are | inline elements, | so they fit side-by-side.

An inline element only takes up as much width as necessary.

But what if i try to set width of INLINE ELEMENT

BEFORE

```
button {

Width:350px;

height:250px;

}
```

BUTTON

BUTTON

AFTER

IF WE TRIES TO SET WIDTH AND HEIGHT OF AN INLINE ELEMENT BUTTON NOTHING GOING TO HAPPENED

Setting a fixed height or width of an inline element can cause the content to overflow and disrupt the layout of the surrounding content. For example, if we set a fixed height on an inline element that contains text, the text may overflow and spill outside of the element, creating a bad effect on page. If we set a fixed width on an inline element that contains text, it may cause the text to wrap in unexpected ways or create unnecessary white space.

WHAT MIGHT HAPPENED IF WE SET WIDTH/HEIGHT?

Real EXAMPLE

Lorem ipsum, dolor sit amet consectetur adipisicing elit. Impedit, et. Reprehenderit suscipit enim accusamus provident iure, nisi esse BUTTON exsuscipit enim accusamus

provident iure, nisi esse suscipit enim accusamus provident iure, nisi esse libero! Lorem ipsum dolor sit amet consectetur adipisicing elit. Alias ducimus exercitationem tempore saepe eius quae quas, atque aspernatur et recusandae.

FOR EXAMPLE: There is some text inside one <p> also there is one <span> tag inside this p tag what if I want to increase the width or height of this span tag ? I can't do this because this span tag is inline but we can set height/width using display inline block so after using inline block we can set height and width of this p tag but as you can see now what happened! The overall normal flow of document getting overflow and we getting some unexpected result so this is the reason why we can't set height and width to inline elements because its make our page layout acts weird