



FREQUENTLY USE TAGS & ATTRIBUTES: DIV, SPAN & FORM — ID & CLASS

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By Thavorac

WHY THESE TAGS & ATTRIBUTES ARE FREQUENTLY USED?

- ❖ HTML is just a basic structure of a web page, so to build a beautiful & powerful webpage, we need CSS and Javascript.
- ❖ CSS and Javascript interact easily with HTML **plain HTML tag** such as DIV (for block) and SPAN (for text).
- ❖ For better accessibility, attribute ID and Class are necessary.

DIV TAG: <DIV>

- The `<div>` tag defines a division or a section in an HTML document.
- The `<div>` tag is used as a container for HTML elements - which is then styled with CSS or manipulated with JavaScript.
- The `<div>` tag is easily styled by using the class or id attribute.

Any sort of content can be put inside the `<div>` tag!

Note: By default, browsers always place a line break before and after the `<div>` element.

SPAN TAG:

- The tag is an inline container used to mark up a part of a text, or a part of a document.
- The tag is easily styled by CSS or manipulated with JavaScript using the class or id attribute.
- The tag is much like the <div> element, but <div> is a block-level element and is an inline element.

Now, try create an html page and use DIV & Span tag inside. See what are the differences ?

DIFFERENCE BETWEEN DIV TAG AND SPAN TAG

Properties	Div Tag	Span Tag
Elements Types	Block-Level	Inline
Space/Width	Contain Whole Width Available	Takes only required Width
Examples	Headings, Paragraph, form	Attribute, image
Uses	Web-layout	container for soome text
Attributes	Not required,with common css, class	Not required,with common css, class

FORM TAG

- HTML Forms are required, when you want to collect some data from the site visitor. For example, during user registration you would like to collect information such as name, email address, credit card, etc.
- A form will take input from the site visitor and then will post it to a back-end application such as CGI, ASP Script or PHP script etc.
- A form is used together with other form elements such as input, checkbox, dropdown, button

```
<form action = "Script URL" method = "GET|POST">  
    form elements like input, textarea etc.  
</form>
```

FORM ATTRIBUTES

No	Attribute & Description
1	action Backend script ready to process your passed data.
2	method Method to be used to upload data. The most frequently used are GET and POST methods.
3	target Specify the target window or frame where the result of the script will be displayed. It takes values like _blank, _self, _parent etc.
4	enctype You can use the enctype attribute to specify how the browser encodes the data before it sends it to the server. Possible values are — application/x-www-form-urlencoded — This is the standard method most forms use in simple scenarios. multipart/form-data — This is used when you want to upload binary data in the form of files like image, word file etc.

HTML FORM ELEMENTS

There are different types of form controls that you can use to collect data using HTML form —

- Text Input Controls `<input type="text"/>`
- Checkboxes Controls `<input type="checkbox" />`
- Radio Box Controls `<input type="radio" />`
- Select Box Controls `<input type="checkbox" />`
- File Select boxes `<input type="file" />`
- Clickable Buttons
- Submit and Reset Button