HTML Grouping Element

By Yash Sharma

HTML – <div> tag

- <div> tag in HTML defines the division/section in the document.

- <div> tag is the container of HTML elements.

- It is easy to apply styles and scripts to the HTML elements when they are inside the <div> tag with help of the attributes of the <div> tag.

- The **class** and **id** attributes help in styling and applying scripts to the HTML elements inside the <div> </div>.

<div>

| div tag | div example | span tag | span example | Difference between div and span |
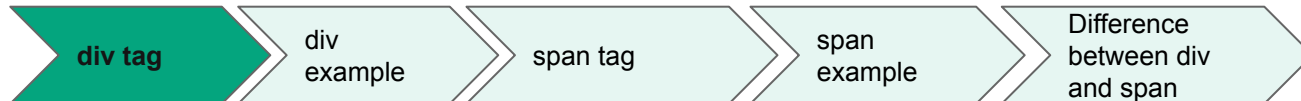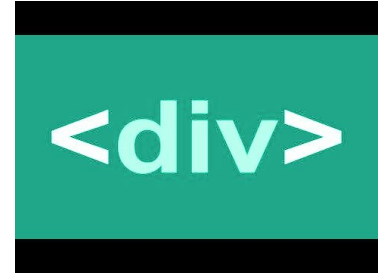
- <div> is a block-level element, so there will be a line before and after the <div> </div>.

- <div> is the most important tag in web development, because it helps us to separate the content/data in the web page, and helps us to apply different styles and behaviors to different divisions.

- <div> tag is used to group the large section of HTML elements together.

- <div> tag encapsulates HTML elements and divides the HTML document into sections.

<div>

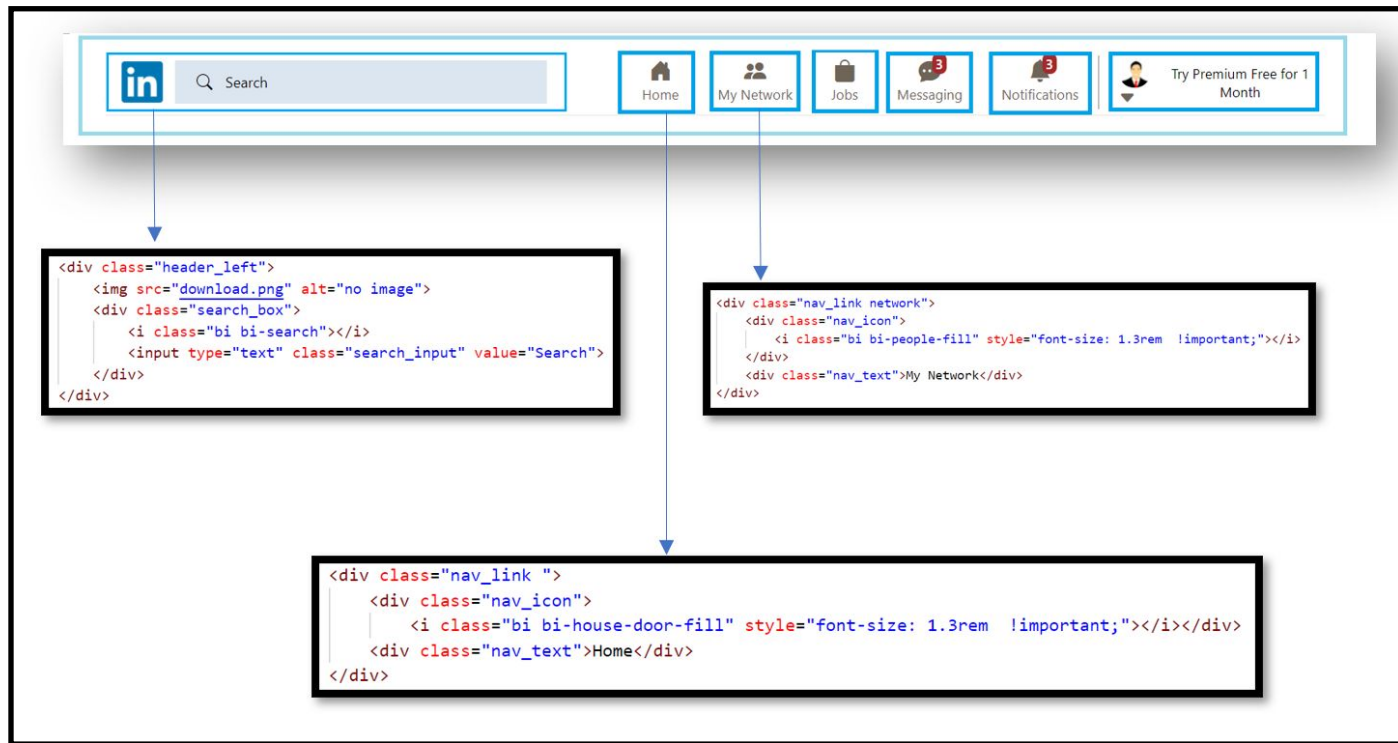**div tag** → div example → span tag → span example → Difference between div and span
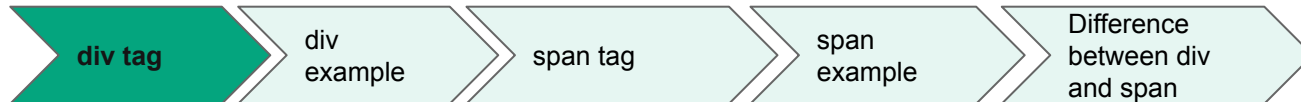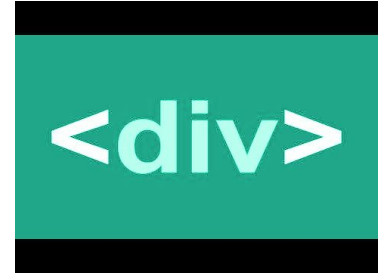
HTML – <div> tag - Example

div tag | **div example** | span tag | span example | Difference between div and span

HTML – <div> tag - Example

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```
<div class="header_left">
    <img src="download.png" alt="no image">
    <div class="search_box">
        <i class="bi bi-search"></i>
        <input type="text" class="search_input" value="Search">
    </div>
</div>
```

```
<div class="nav_link network">
    <div class="nav_icon">
        <i class="bi bi-people-fill" style="font-size: 1.3rem  !important;"></i>
    </div>
    <div class="nav_text">My Network</div>
</div>
```

```
<div class="nav_link ">
    <div class="nav_icon">
        <i class="bi bi-house-door-fill" style="font-size: 1.3rem   !important;"></i></div>
    <div class="nav_text">Home</div>
</div>
```

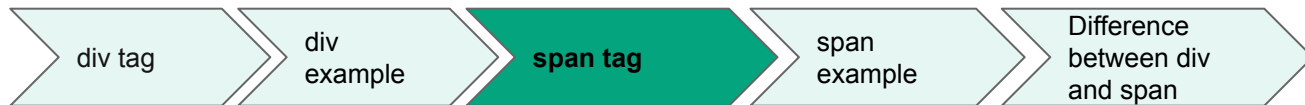div tag | **div example** | span tag | span example | Difference between div and span
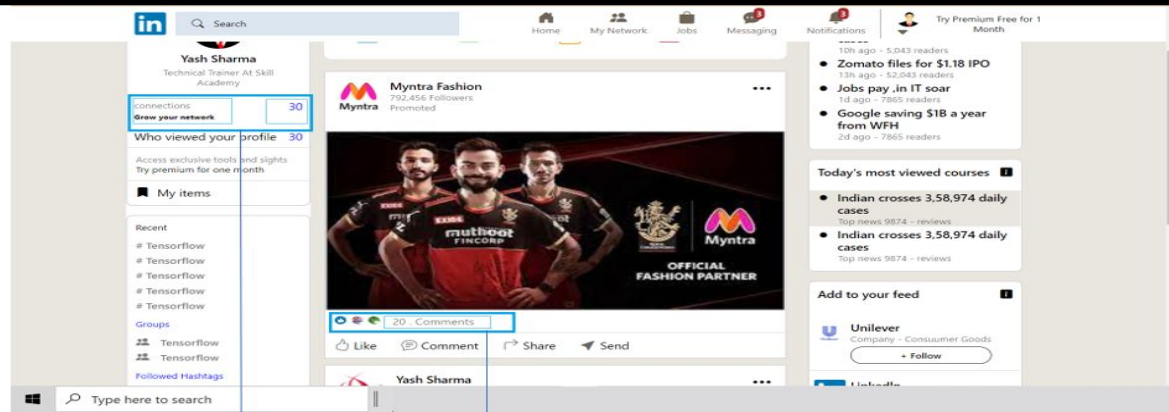
HTML – <span> tag

- <span> tag is an **inline container**.

- <span> tag is used to markup part of text/ content in an element.

- <span> tag also helps to apply styles and scripts easily with help of id and class attributes similar to <div> tag, but <div> is a block-level element and <span> is an inline element.

- <span> can be used inside <p> tags, to apply different styles to part of the content in the <p> tag.

<span>

| div tag | div example | **span tag** | span example | Difference between div and span |

HTML – <span> tag - Example

```
<div class="post_item_comment_info">
    <img src="1.svg" alt="">
    <img src="2.svg" alt="">
    <img src="3.svg" alt="">
    <span class="account_name">20 . Comments</span>
</div>
```

```
<div class="connections" >
    <span style="float:left" class="account_name" >connections</span>
    <span style="float:right"><a href="#" style="color:█blue;">30</a></span>
    <br>
    <h6>Grow your network</h6>
</div>
```

| div tag | div example | span tag | **span example** | Difference between div and span |

HTML – Difference Between <div> and <span>

<div>	<span>
The <div> tag is a **block level** element.	The <span> tag is an **inline element**.
It is best to attach it to a section of a web page.	It is best to attach a CSS to a small section of a line in a web page.
It accepts/supports **align** attribute.	It does not accept/support **align** attribute.
This tag should be used to wrap a section, for highlighting that section.	This tag should be used to wrap any specific word that you want to highlight in your webpage.
Used for CSS based HTML Layouts.	Used to stylise text.
div tag displayed in new line.	<span> tag does not begin a new line.

div tag > div example > span tag > span example > **Difference between div and span**
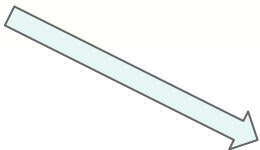
HTML – Difference Between <div> and <span>

```
<body>
  <div class="main">
    <div class="header">
      <h1>Latest News</h1>
      <h4>Covid-19: Molnupiravir benefits outweigh risks, say top medical experts</h4>
    </div>
    <div class="content">
      <p>
        Leading Covid-19 task force members and health experts treating coronavirus patients across the country said
        on Monday that the Covid antiviral drug molnupiravir is reducing hospitalisation by <span class="highlights">
        30-50 % </span>, as well as the severity of the disease.
      </p>
      <p>
        Everybody knows that <span class="highlights">face masks are key </span> to preventing the spread of the
        pandemic. But not all masks hold up well in the face of the highly transmissible Omicron variant
      </p>
    </div>
  </div>
</body>
```

Latest News

Covid-19: Molnupiravir benefits outweigh risks, say top medical experts

Leading Covid-19 task force members and health experts treating coronavirus patients across the country said on Monday that the Covid antiviral drug molnupiravir is reducing hospitalisation by 30-50 % , as well as the severity of the disease.

Everybody knows that face masks are key to preventing the spread of the pandemic. But not all masks hold up well in the face of the highly transmissible Omicron variant

> div tag > div example > span tag > span example > **Difference between div and span**