**The following tags are used formatting text**

1. <b> ------- <strong>
2. <i> ----- <em>
3. <u> ----- <ins>
4. <strike> ---- <del>
5. <sup>
6. <sub>

**What is difference <b> and <strong>?**

The main difference between <b> and <strong> is

<b> it is used at the time of designing page

<strong> it is used at the time reviewing the page

**What is difference <i> and <em>?**

<i> it is used at the time of designing page

<em> it is used at the time reviewing page

**What is difference <strike> and <del>?**

<strike> it is used at the time of designing page

<del> it is used at the time reviewing page

**Example:**

<!DOCTYPE *html*>

<html *lang*="en">

<head>

    <meta *charset*="UTF-8">

    <meta *name*="viewport" *content*="width=device-width, initial-scale=1.0">

    <title></title>

    <style>

     </style>

</head>

<body>

    <b>Bold</b> is similer to <strong>Strong</strong><br>

    <i>Italic</i> is similer to <em>Emphsis</em> <br>

    <u>Underline</u> is similer to <ins>Insert</ins><br>

    <strike>Strike</strike> is similer to <del>Delete</del><br>

    Log<sub>(10)</sub><br>

    (a+b)<sup>2</sup>=a<sup>2</sup>+b<sup>2</sup>+2ab

</body>

</html>

**Example:**

<!DOCTYPE *html*>

<html *lang*="en">

<head>

    <meta *charset*="UTF-8">

    <meta *name*="viewport" *content*="width=device-width, initial-scale=1.0">

    <link *rel*="stylesheet" *href*="../node\_modules/bootstrap-icons/font/bootstrap-icons.css">

    <title></title>

    <style>

        main{

            display: grid;

            grid-template-columns: 3fr 9fr;

        }

        .rating

        {

            color:white;

            background-color: green;

            border: 1px solid green;

            padding: 5px;

            border-radius: 5px;

        }

        ul{

            list-style: none;

            color:green;

            font-size: 20px;

        }

        li{

            margin-bottom: 10px;

        }

        li span {

            color:black;

            margin-left: 15px;

        }

    </style>

</head>

<body>

    <main>

    <div>

    </div>

    <div>

        <div>

            <font *face*="Arial" *size*="5">Motorola G85 5G (Cobalt Blue, 256 GB)  (12 GB RAM)</font>

        </div>

        <br>

        <div>

            <span *class*="rating">4.0 <span *class*="bi bi-star-fill"></span></span><font *size*="5" *color*="gray">&nbsp;&nbsp;&nbsp;&nbsp;6,688 Ratings & 355 Reviews</font>

        </div>

        <br>

        <div>

            <font *size*="4" *color*="green">Extra &#8377; 3000 off</font>

        </div>

        <br>

        <div>

            <font *size*="6"><b>&#8377;19,999</b></font>&nbsp;&nbsp;<font *size*="4" *color*="gray">&#8377;<strike>22,999</strike></font>&nbsp;<font *size*="5" *color*="green">13% off</font>&nbsp;&nbsp;<span *class*="bi bi-info-circle"></span>

        </div>

        <br>

        <div>

           <font *size*="4"><b>Available offers</b></font>

        </div>

        <div>

            <ul>

                <li *class*="bi bi-tag-fill"><span>Special PriceGet extra ₹3000 off (price inclusive of cashback/coupon)</span></li>

                <li *class*="bi bi-tag-fill"><span>FreebieFlat ₹1000 off on Cleartrip hotels booking along with 300 supercoins on booking</span></li>

                <li *class*="bi bi-tag-fill"><span>Partner OfferMake a purchase and enjoy a surprise cashback/ coupon that you can redeem later</span></li>

            </ul>

        </div>

    </div>

    </main>

</body>

</html>

**Working with images**

Browser cannot display all types of images.

The following types of images are displayed by browser

|  |  |  |
| --- | --- | --- |
| **Image Type** | **MIME** | **Extension** |
| PNG,APNG  Animated Portable Network Graphics | Image/apng | .png .apng |
| |  |  | | --- | --- | | [JPEG](https://developer.mozilla.org/en-US/docs/Web/Media/Formats/Image_types#jpeg_joint_photographic_experts_group_image) | Joint Photographic  Expert Group image | | Image/jpeg | .jpg,.jpeg,.jfif |
| |  |  | | --- | --- | | [GIF](https://developer.mozilla.org/en-US/docs/Web/Media/Formats/Image_types#gif_graphics_interchange_format) | Graphics Interchange  Format | | Image/gif | .gif |
| [BMP](https://developer.mozilla.org/en-US/docs/Web/Media/Formats/Image_types#bmp_bitmap_file) Bitmap file | Image/bmp | .bmp |
| |  |  | | --- | --- | | [ICO](https://developer.mozilla.org/en-US/docs/Web/Media/Formats/Image_types#ico_microsoft_windows_icon) | Microsoft Icon | | Image/x-icon | .ico .cur |
| |  |  | | --- | --- | | [TIFF](https://developer.mozilla.org/en-US/docs/Web/Media/Formats/Image_types#tiff_tagged_image_file_format) | Tagged Image File  Format | | Image/tiff | .tif.fiff |
| |  |  | | --- | --- | | [SVG](https://developer.mozilla.org/en-US/docs/Web/Media/Formats/Image_types#svg_scalable_vector_graphics) | Scalable Vector Graphics | |  |  | | Image/svg+xml | .svg |

MIME 🡪 Stands for Multipurpose Internet Mail Extension (Content Type), always browser renders content based on content type.

**PNG & APNG**

* High Definition Images
* These images occupy more space
* More pixel depth
* APNG can be animated
* PNG is not animated
* Downloadable images

**JPEG**

* High definition images
* Less pixel depth compared to PNG
* Compressed image
* Less Memory
* It can be used for displaying with webpage

**GIF**

* Support 256 colors
* Less pixel depth
* Less Memory
* It is good for displaying within webpage
* GIF can be animated

**TIFF**

[TIFF](https://en.wikipedia.org/wiki/TIFF) is a raster graphics file format which was created to store scanned photos, although it can be any kind of image.