



# **SNS COLLEGE OF ENGINEERING**

Kurumbapalayam (Po), Coimbatore – 641 107

**An Autonomous Institution**

Accredited by NBA – AICTE and Accredited by NAAC – UGC with ‘A’ Grade  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING-IOT Including CS&BCT**

**COURSE NAME : 19SB602 FULL STACK DEVELOPMENT FOR NEXT  
GENERATION IOT**

**III YEAR / VI SEMESTER**

**Unit II- FRONT-END MODULES**

**Topic : Tables, Images, Alerts Buttons**



# Tables

HTML tables allow **web developers to arrange data into rows and columns.**

A table in HTML consists of **table cells inside rows and columns.**

Each table cell is defined by a **<td> and a </td>** tag.

Each table row starts with a **<tr> and ends with a </tr>** tag.

Sometimes you want your cells to be table header cells. In those cases use the **<th> tag instead of the <td> tag**



```
<!DOCTYPE html>
<html>
<head>
<style>
table {
  font-family: arial, sans-serif;
  border-collapse: collapse;
  width: 100%;
}

td, th {
  border: 1px solid #dddddd;
  text-align: left;
  padding: 8px;
}
```



```
tr:nth-child(even) {  
  background-color: #dddddd;  
}  
</style>  
</head>  
<body>
```

```
<h2>HTML Table</h2>
```

```
<table>  
  <tr>  
    <th>Company</th>  
    <th>Contact</th>  
    <th>Country</th>  
  </tr>
```



```
<tr>
  <td>Alfreds Futterkiste</td>
  <td>Maria Anders</td>
  <td>Germany</td>
</tr>
<tr>
  <td>Centro comercial Moctezuma</td>
  <td>Francisco Chang</td>
  <td>Mexico</td>
</tr>
```



```
<tr>
  <td>Ernst Handel</td>
  <td>Roland Mendel</td>
  <td>Austria</td>
</tr>
<tr>
  <td>Island Trading</td>
  <td>Helen Bennett</td>
  <td>UK</td>
</tr>
```



```
<tr>
  <td>Laughing Bacchus Winecellars</td>
  <td>Yoshi Tannamuri</td>
  <td>Canada</td>
</tr>
<tr>
  <td>Magazzini Alimentari Riuniti</td>
  <td>Giovanni Rovelli</td>
  <td>Italy</td>
</tr>
</table>

</body>
</html>
```



## HTML Table

Company	Contact	Country
Alfreds Futterkiste	Maria Anders	Germany
Centro comercial Moctezuma	Francisco Chang	Mexico
Ernst Handel	Roland Mendel	Austria
Island Trading	Helen Bennett	UK
Laughing Bacchus Winecellars	Yoshi Tannamuri	Canada
Magazzini Alimentari Riuniti	Giovanni Rovelli	Italy





## Images

Images can improve the **design and the appearance of a web page.**

The HTML **<img> tag** is used to **embed an image in a web page.**

Images are **not technically inserted into a web page;**

images are linked to web pages. The **<img> tag** creates a holding space for the referenced image.



The `<img>` tag is empty, it contains attributes only, and does **not have a closing tag**.

The `<img>` tag has **two required attributes**:

**src** - Specifies the **path** to the image

**alt** - Specifies an **alternate text** for the image

## Syntax

```

```



## Example

```

```

## Image Size - Width and Height

You can use the style attribute to specify the width and height of an image.

## Example

```

```



```
<!DOCTYPE html>
<html>
<head>
<style>
/* This style sets the width of all images to 100%: */
img {
  width: 100%;
}
</style>
</head>
<body>
```

```
<h2>Width/Height Attributes or Style?</h2>
```



<p>The first image uses the width attribute (set to 128 pixels), but the style in the head section overrides it, and sets the width to 100%.</p>

```

```

<p>The second image uses the style attribute to set the width to 128 pixels, this will not be overridden by the style in the head section:</p>

```

```

```
</body>  
</html>
```

## Width/Height Attributes or Style?

The first image uses the width attribute (set to 128 pixels), but the style in the head section overrides it, and sets the width to 100%.



The second image uses the style attribute to set the width to 128 pixels, this will not be overridden by the style in the head section:





## Images in Another Folder

If you have your images in a sub-folder, you must include the folder name in the src attribute:

### Example

```

```

## Images on Another Server/Website

Some web sites point to an image on another server.

To point to an image on another server, you must specify an absolute (full) URL in the src attribute:

### Example

```

```





## Common Image Formats

Here are the most common image file types, which are supported in all browsers (Chrome, Edge, Firefox, Safari, Opera):

Abbreviation	File Format	File Extension
APNG	Animated Portable Network Graphics	.apng
GIF	Graphics Interchange Format	.gif
ICO	Microsoft Icon	.ico, .cur
JPEG	Joint Photographic Expert Group image	.jpg, .jpeg, .jfif, .pjpeg, .pjp
PNG	Portable Network Graphics	.png
SVG	Scalable Vector Graphics	.svg





## Alerts Buttons



Bootstrap alerts provide a way to **communicate messages to the user**.

They are used to **convey information about the success, warning, or error** status of an operation.

Bootstrap offers different **alert styles** for various purposes.

### Alert Classes:

**alert:** The base class for all alerts.

**alert-success:** Indicates a success message.

**alert-warning:** Indicates a warning message.

**alert-danger:** Indicates an error or danger message.



```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-
scale=1">
<style>
.btn {
  border: none;
  color: white;
  padding: 14px 28px;
  font-size: 16px;
  cursor: pointer;
}
```



```
.success {background-color: #04AA6D;} /* Green */  
.success:hover {background-color: #46a049;}
```

```
.info {background-color: #2196F3;} /* Blue */  
.info:hover {background-color: #0b7dda;}
```

```
.warning {background-color: #ff9800;} /* Orange */  
.warning:hover {background-color: #e68a00;}
```

```
.danger {background-color: #f44336;} /* Red */  
.danger:hover {background-color: #da190b;}
```

```
.default {background-color: #e7e7e7; color: black;} /* Gray */  
.default:hover {background-color: #ddd;}
```

```
</style>  
</head>  
<body>
```



```
<h1>Alert Buttons</h1>
```

```
<button class="btn success">Success</button>
```

```
<button class="btn info">Info</button>
```

```
<button class="btn warning">Warning</button>
```

```
<button class="btn danger">Danger</button>
```

```
<button class="btn default">Default</button>
```

```
</body>
```

```
</html>
```

# Alert Buttons





Any Query????

Thank you.....