

## Image Tag

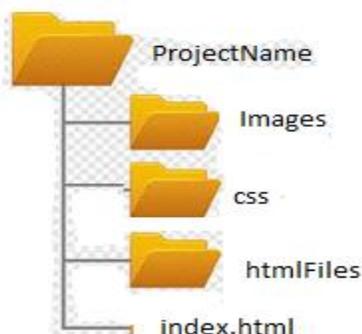
The `<img>` tag is used to embed an image in an HTML page. Images are not technically inserted into a web page, images are linked to web pages. The `<img>` tag creates a holding space for the referenced image. The `<img>` tag has four required attributes:

1. `src` - Specifies the path to the image
2. `alt` - Specifies an alternate text for the image, if the image for some reason cannot be displayed
3. `width` - To set Specifies `width` for the image.
4. `height` - To set Specifies `height` for the image

To insert an image in your web, that image must be present in your same folder where you have put the HTML file. But we should create new folder for images like name is images

## Web Development Directory Structure

**Note:** your web development directory structure for static website should be same as below



## Syntax

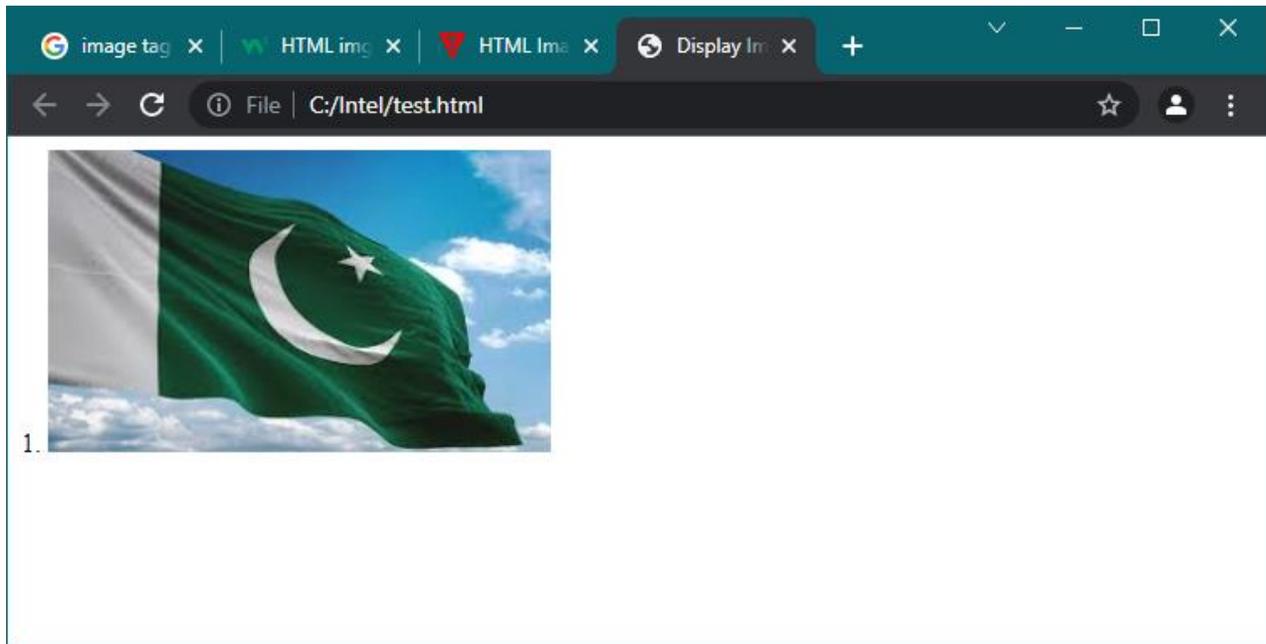
```

```

## Example-1

```
<!DOCTYPE html>
<html>
  <head>
    <title>Display Image</title>
  </head>
  <body>
    

  </body>
</html>
```



### Marquee tag

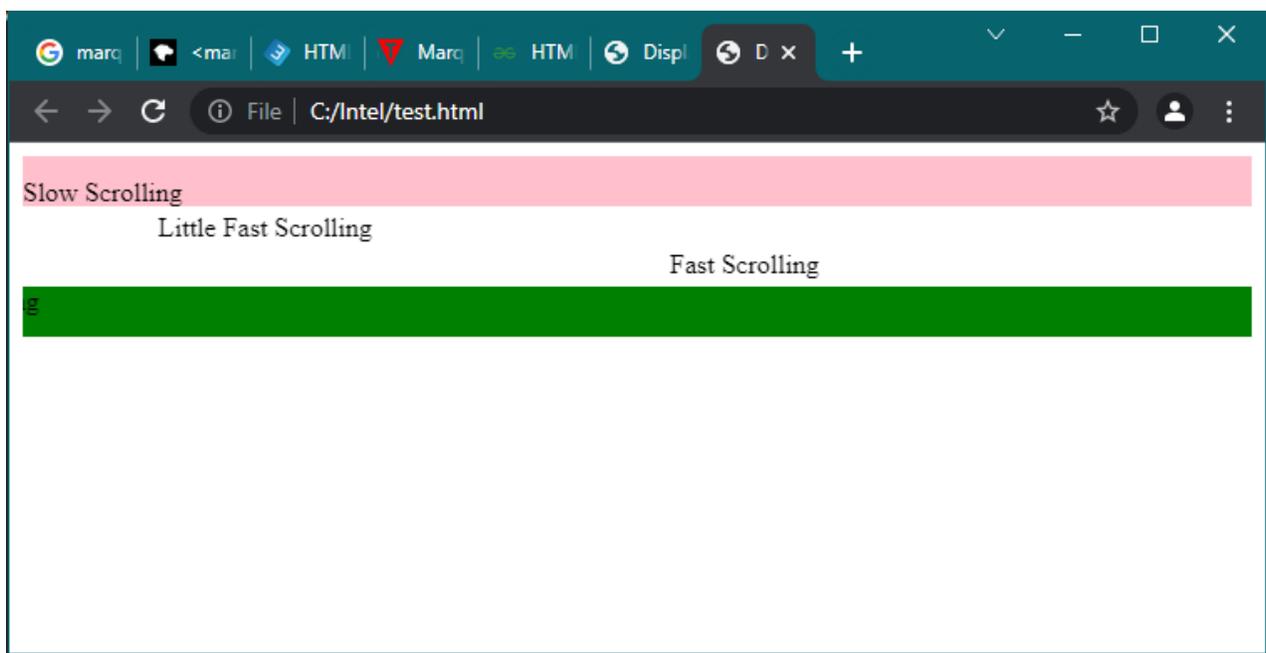
Marquee is one of the important tags introduced in HTML to support such scrollable texts and images within a web page. In this tutorial, you will be learning about the Marquee tag and its different attributes for developing a well-groomed static website.

### The different attributes of <marquee> tag are:

Attribute	Description
<b>width</b>	Provides the width or breadth of a marquee. For example width="10" or width="20%"
<b>height</b>	Provides the height or length of a marquee. For example height="20" or height="30%"
<b>direction</b>	Provides the direction or way in which your marquee will allow you to scroll. The value of this attribute can be: left, right, up or down
<b>scrolldelay</b>	Provides a feature whose value will be used for delaying among each jump.
<b>scrollamount</b>	provides value for speeding the marquee feature
<b>behavior</b>	Provides the scrolling type in a marquee. That scrolling can be like sliding, scrolling or alternate
<b>bgcolor</b>	Provides a background color where the value will be either the name of the color or the hexadecimal color-code.

**Example-2**

```
<!DOCTYPE html>
<html>
  <head>
    <title>Scrolling Text</title>
  </head>
  <body>
    <marquee height="30" bgcolor="pink" behavior="scroll" direction="up" scrollamount="1">Slow
    Scrolling</marquee>
    <marquee behavior="scroll" direction="right" scrollamount="12">Little Fast Scrolling</marquee>
    <marquee behavior="alterscroll" direction="left" scrollamount="20">Fast Scrolling</marquee>
    <marquee height="30" bgcolor="green" behavior="scroll" direction="right"
    scrollamount="50">Very Fast Scrolling</marquee>
  </body>
</html>
```



**Example-3**

```

<!DOCTYPE html>
<html>
  <head>
    <title>Web Page</title>
  </head>
  <body>
    <marquee bgcolor="blue" direction="right"><font color="white"> This is a best institute of the
world </font></marquee>
    
    
    
    
    
    
    
    
    <hr>
    <marquee>
    
    
    
    
    </marquee>
    <p>
    <h1> History of Pakistan </h1>
    The history of the Islamic Republic of Pakistan began on 14 August 1947 when the country became an
independent nation in the form of Dominion of Pakistan within the British Commonwealth as the result of
Pakistan Movement and the partition of India. While the history of the Pakistani Nation according to the
Pakistan government's official chronology started with the Islamic rule over Indian subcontinent by
Muhammad bin Qasim which reached its zenith during Mughal Era. In 1947, Pakistan consisted of West
Pakistan (today's Pakistan) and East Pakistan (today's Bangladesh). The President of All-India Muslim League
and later the Pakistan Muslim League, Muhammad Ali Jinnah became Governor-General while the secretary
general of the Muslim League, Liaquat Ali Khan became Prime Minister. The constitution of 1956 made
Pakistan an Islamic democratic country.

    </p>
  </body>
</html>

```



## History of pakistan

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## Website

Website is a collection of related web pages that may contain text, images, audio and video. The first page of a website is called home page. Each website has specific internet address (URL) that you need to enter in your browser to access a website. A website is managed by its owner that can be an individual, company or an organization.

### A website can be of two types:

1. Static Website
2. Dynamic Website

### Static website

Static website is the basic type of website that is easy to create. You don't need the knowledge of web programming and database design to create a static website. Its web pages are coded in HTML. The codes are fixed for each page so the information contained in the page does not change and it looks like a printed page.

### Dynamic website

Dynamic website is a collection of dynamic web pages whose content changes dynamically. It accesses content from a database or Content Management System (CMS). Therefore, when you alter or update the content of the database, the content of the website is also altered or updated.

In server side scripting, the software runs on the server and processing is completed in the server then plain pages are sent to the user.

Static Website	Dynamic Website
Prebuilt content is same every time the page is loaded.	Content is generated quickly and changes regularly.
It uses the <b>HTML,CSS and JavaScript</b> code for developing a website.	It uses the server side languages such as <b>PHP,SERVLET, JSP, and ASP.NET</b> etc. for developing a website.
It sends exactly the same response for every request.	It may generate different HTML for each of the request.
The content is only changed when someone publishes and updates the file (sends it to the web server).	The page contains "server-side" code which allows the server to generate the unique content when the page is loaded.
Flexibility is the main advantage of static website.	Content Management System (CMS) is the main advantage of dynamic website.

## Exercise

### Theory Question

- 1) Write directory structure of web development for static web sites?
- 2) Define image tag with attributes with syntax.
- 3) How you can differentiate between the static and dynamic web site.

### Practical Question

- 1) Write a HTML program same as above example-3 using by images and scrolling tags

### Objective and MCQ

- 1) Which provides attributes the direction or way in which your marquee will allow you to scroll. The value of this attribute can be: left, right, up or down \_\_\_\_\_.
  - a) width
  - b) behavior
  - c) direction
  - d) move.
- 2) Which attributes provides the scrolling type in a marquee. That scrolling can be like sliding, scrolling or alternate tags
  - a) behavior
  - b) direction
  - c) move
  - d) class
- 3) Which attribute Specifies an alternate text for the image, if the image for some reason cannot be displayed.
  - a) width
  - b) height
  - c) alt
  - d) src
- 4) Which attribute Specifies the path to the image.
  - a) width
  - b) height
  - c) alt
  - d) src