HTML & CSS

Image Tag

To start with image tag

Syntax:

```
<img src="choose path" alt="">
```

In src attribute you will add the path of image link choose from browser or from your system
alt sttribute is used to name image if image is broken it will show name of image

example:

```
<img src="https://cdn.pixabay.com/photo/2025/03/21/21/22/roche-9485693_1280.jpg" alt="demo
```

run the file you will see image now you can add width height according to your requirement

Image inside <div> tag

```
<style>
div{
    width:500px;
}
img{
    width:100%
}
</style>


<div>
<img src="https://cdn.pixabay.com/photo/2025/03/21/21/22/roche-9485693_1280.jpg" alt="d
</div>
```

With this the image cant go outside div width

Some css border properties in css

syntax:

```
in css file
<style>
div{
    width:500px;
```

```
            height:500px;
            border:2px solid red;
        }
    </style>
```

there are various ways to use border

- 2px groove red
- 2px double red
- 2px dotted red
- 2px inset red
- 2px solid red

Border radius

Used to create rounded corners for elements like boxes, buttons, or images

Syntax:

```
    div {
        border-radius: 10px;
      }
      This will round the corners of the div by 10px.
```

with this you can also circle the whole image or div

But to get exact circle provide same width height and border-radius:50%

Example

```
    in css file
    <style>
    div{
        width:100px;
        height:100px;
        border:2px solid red;
        border-radius: 50%;

    }
    </style>
    in html
    <img src="https://cdn.pixabay.com/photo/2025/03/21/21/22/roche-9485693_1280.jpg" alt="c
```

Output of above code

How to add background image

get div tag or section tag

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>bg image</title>
    <style>
        .sect1{
            height: 60vh;
            background-image: linear-gradient(#7f252599,#7f1b1bbf)
            ,url(https://cdn.pixabay.com/photo/2025/03/21/21/22/roche-9485693_1280.jpg);
            background-size: cover;
            background-repeat: no-repeat;
            background-position: center;
        }

    </style>
</head>
<body>
<section class="sect1"></section>
</body>
</html>
```

In this there is section which has height of 60vh(viewport height) its a unit

background-image with linear-gradient for color gradient and url for fetching imag

background-size cover for full size image

background-repeat no repeat means it will not repeat your image

background-position center,top,bottom,left & right choose as per requirement

How to add background-attatchment fixed

```html
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>bg image</title>
    <style>
        .sect1{
            height: 60vh;
            background-image: linear-gradient(□#7f252599,□#7f1b1bbf)
            ,url(https://cdn.pixabay.com/photo/2025/03/21/21/22/roche-9485693_1280.jpg);
            background-size: cover;
            background-repeat: no-repeat;
            background-position: center;
            background-attachment: fixed;
        }
        .sect2{
            background-color: ■red;
            height: 60vh;
        }
    </style>
</head>
<body>
<section class="sect2"></section>
<section class="sect1"></section>
<section class="sect2"></section>
```