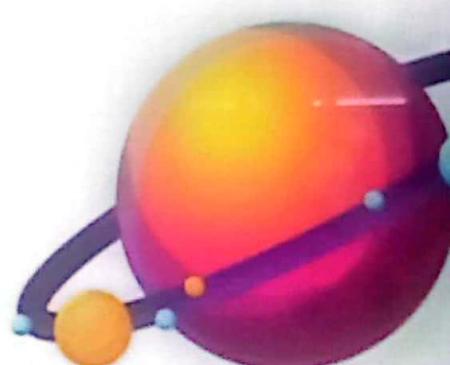
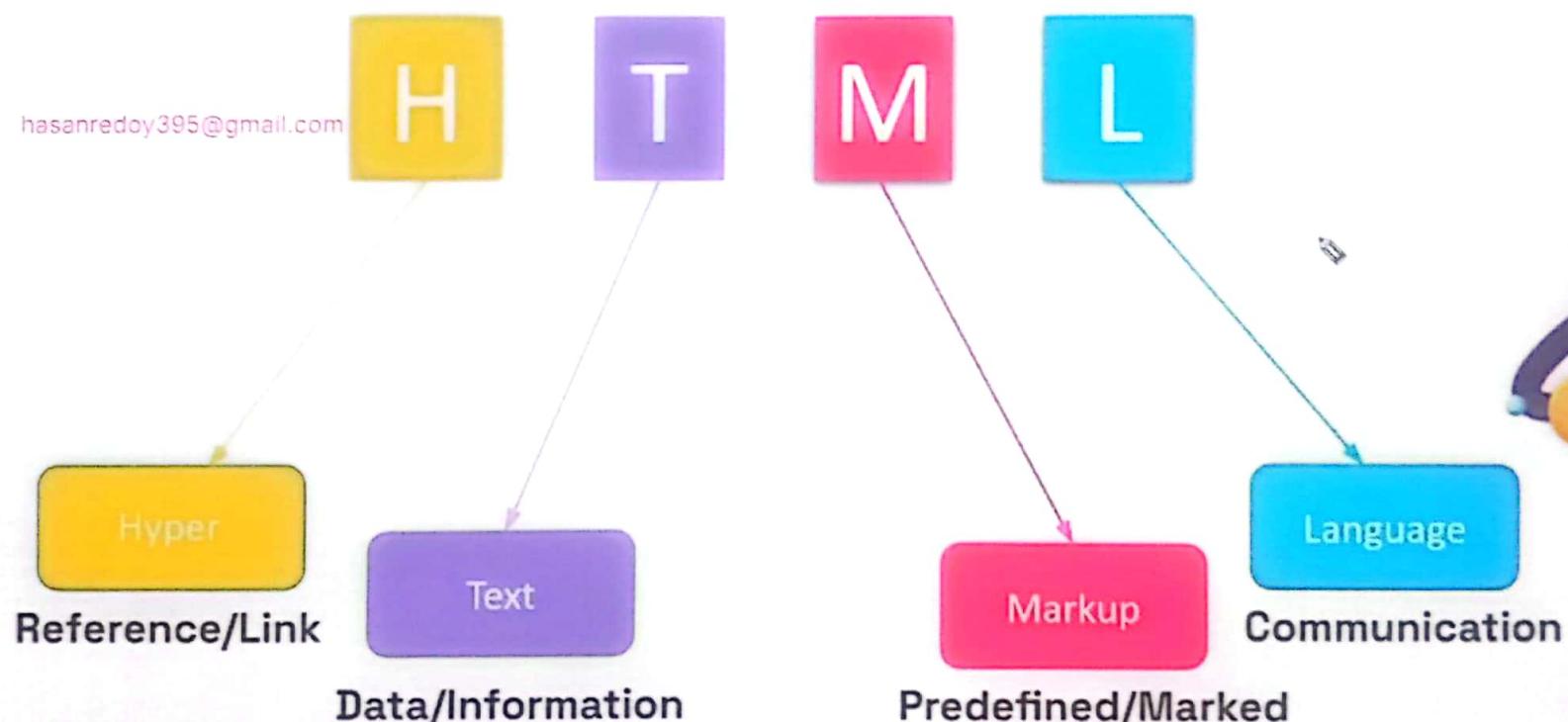
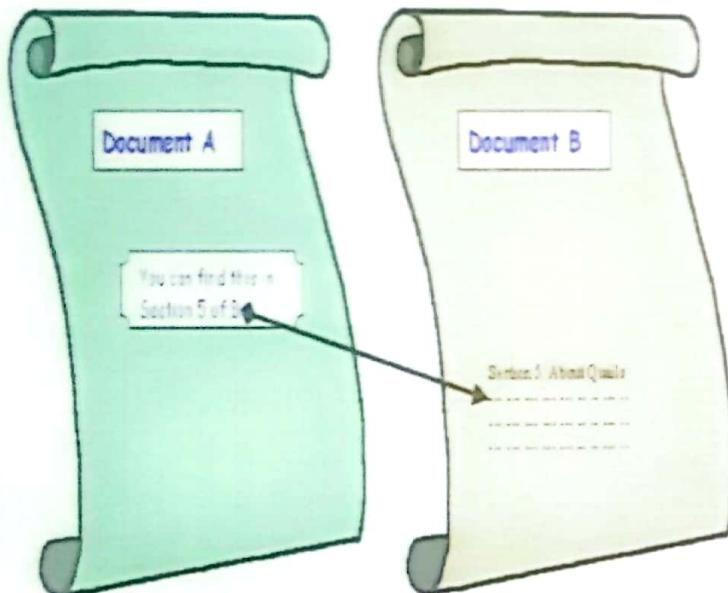


# What is HTML?



# What is HTML?



Hyper Text

## HTML Tags

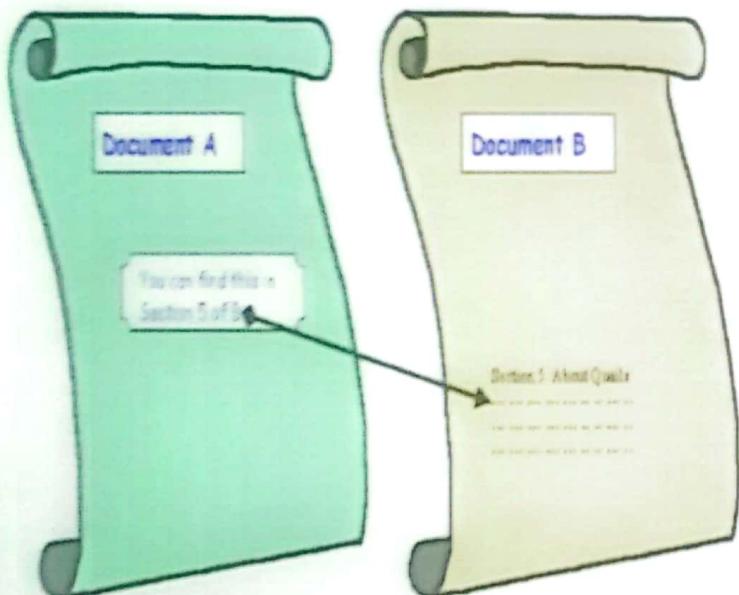
```
<p>           <img>
              <html>      <title>
                           </img>     </html>
                           </title>   </>
</html>          <p>       </>
</>             <b>       </span>
</title>        </b>
<span>          </span>
```



Markup Language



# What is HTML?



Hyper Text

## HTML Tags

A diagram illustrating the structure of HTML tags. It shows various tags like <p>, <img>, <html>, </html>, <title>, </title>, <span>, </span>, <div>, and </div> connected by arrows, forming a network. To the right, there is a colorful 3D rendering of a planet with rings.

Markup Language

# HTML Structure

```
<!DOCTYPE html>
<html>
  <head>
    hasanredoy395@gmail.com
  </head>
  <body>
  </body>
</html>
```

# HTML Structure definition

- **Doctype:** gives information to the browser about the document type and version.
- **html:** represents the root of an HTML document. It is a container for all the html elements except for the Doctype.
- **head:** a container for metadata and is placed between the `<html>` tag and the `<body>` tag.
- **meta:** defines metadata about an HTML document. Metadata is data (information) about data.
- **title:** tag defines the title of the document.
- **body:** contains all the contents of an HTML document
- **comment:** a section of text that is not processed by the web browser. Comments are enclosed in `<!-- -->` tags.

```
!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <title>Document</title>

  </head>

  <body>

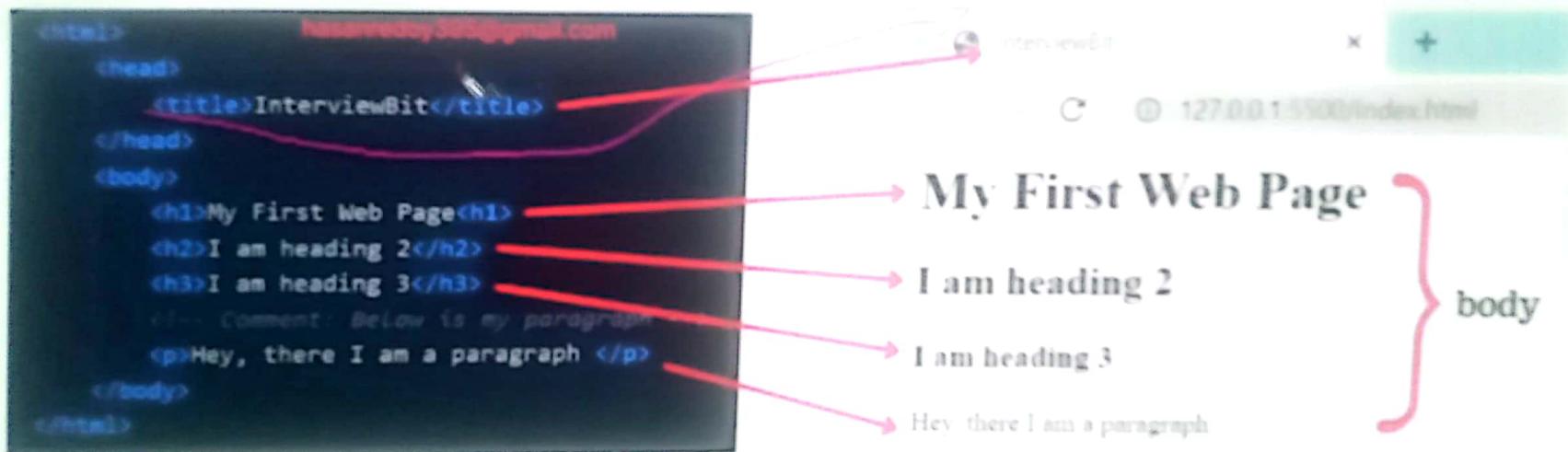
    <!-- contents goes here -->

  </body>

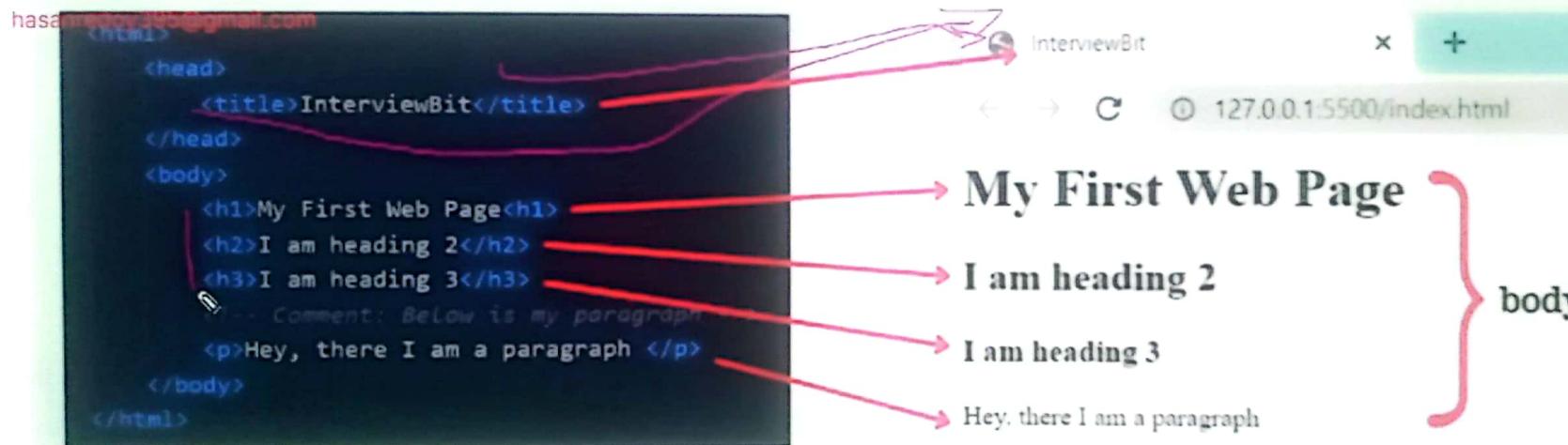
</html>
```



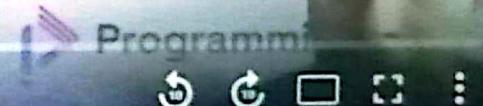
# HTML Page Structure



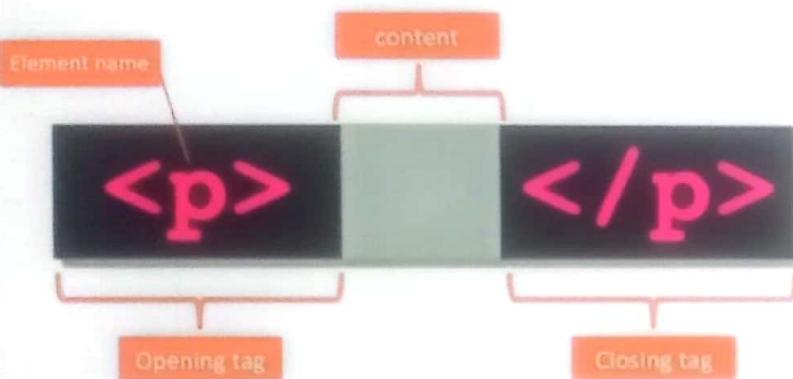
# HTML Page Structure



◀ ▶ ⏪ ⏩ ⏴ ⏵ 2:44 / 13:55



# Paragraph Tag



```
<p>
  Lorem ipsum dolor sit amet consectetur adipisicing elit.
  Hic blanditiis dolore ad odit, sapiente aliquid totam
  impedit voluptatibus voluptas libero enim pariatur debitis
  illum placeat cum soluta vero quam voluptatem.
</p>
```

The <p> tag defines a paragraph

asanredoy395@gmail.com

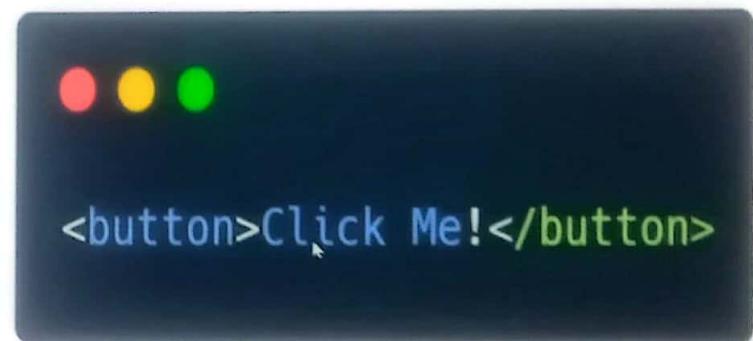
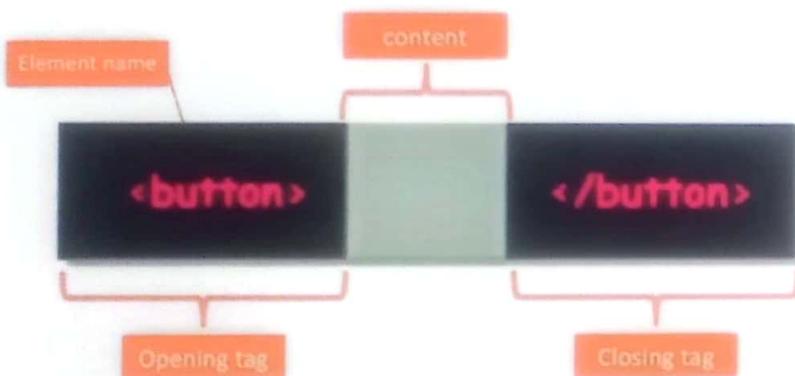
3:01 / 13:55





hastanoy395@gmail.com

# Button Tag



The <button> tag defines a clickable **button**.

# Heading Tags



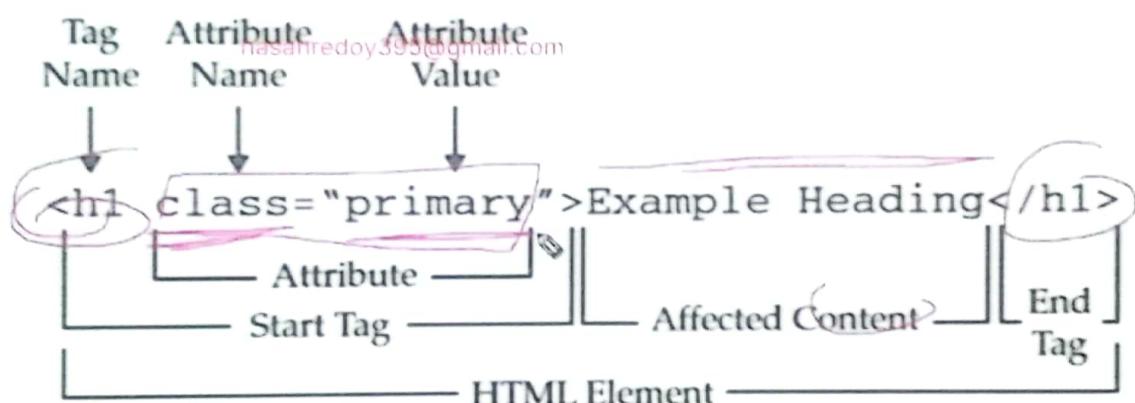
<h1>HEADING 1</h1>

The <h1> to <h6> tags are used to define

HTML headings.

- <h1> defines the most important heading.
- <h6> defines the least important heading.

# Heading Tags



# Line break (br)



```
<span>I love to code.</span>  
<span>I want to be a web developer!</span>
```

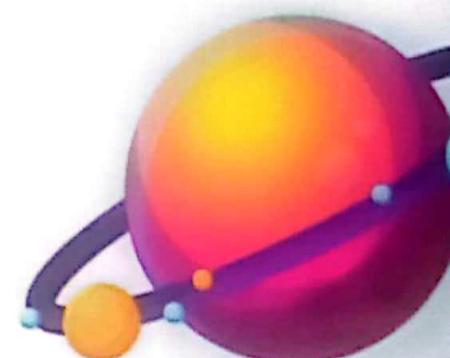
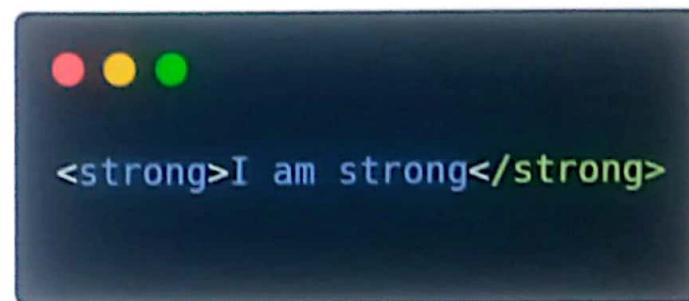
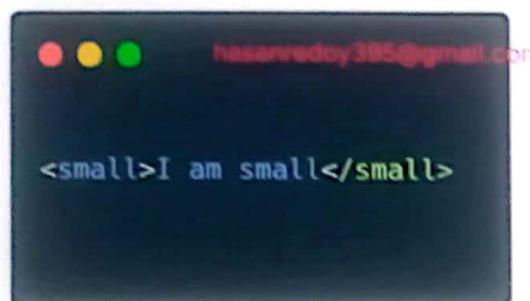
Without line break <br/>



```
<span>I love to code.</span>  
mailto:tanmay395@gmail.com  
<br>  
<span>I want to be a web developer!</span>
```

With line break <br/>

# Text Formatting (small, strong)



## Note

Style with meaning

Just style

<strong> tag

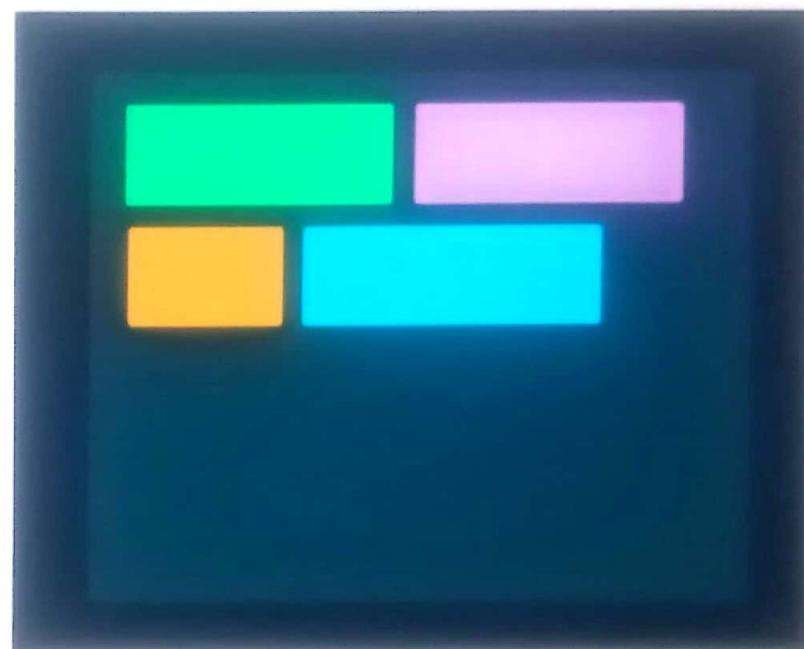
<b> tag



## Block vs Inline



Block



Inline

## Block vs Inline



Block	Inline
Block element <b>always</b> starts with new line	Inline element does not start with a new line
Block element takes complete available width.	Inline element takes the width only as much as necessary <i>hasanreddy395@gmail.com</i>



## List (ordered, unordered)



### ORDERED LIST

```
<ol>
<li>Apple</li>
<li>Mango</li>
<li>Grapes</li>
<li>Pineapple</li>
<li>Orange</li>
</ol>
```

1. Apple
2. Mango
3. Grapes
4. Pineapple
5. Orange

### UNORDERED LIST

```
<ul>
<li>Apple</li>
<li>Mango</li>
<li>Grapes</li>
<li>Pineapple</li>
<li>Orange</li>
</ul>
```

- \* Apple, 123@gmail.com
- Mango
- Grapes
- Pineapple
- Orange

## Ordered List Type



`type="1"`

1. Bangla
2. English
3. ICT

`type="a"`

- a. Bangla
- b. English
- c. ICT

`type="A"`

- A. Bangla
- B. English
- C. ICT

`type="i"`

- i. Bangla
- ii. English
- iii. ICT

`type="I"`

- I. Bangla
- II. English
- III. ICT

## Unordered List Type



**type="disc"**

- Bangla
- English
- ICT

**type="circle"**

- Bangla
- English
- ICT

**type="square"**

- Bangla
- English
- ICT

**type="none"**

- ✖ Bangla
- ✖ English
- ✖ ICT

# Anchor Tag

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The `<a>` tag defines a hyperlink, which is used to link from one page to another. Some attributes:

- ❑ **href:** Specifies the URL of the page the link goes to

```
<a href="http://www.google.com">Google</a>
```

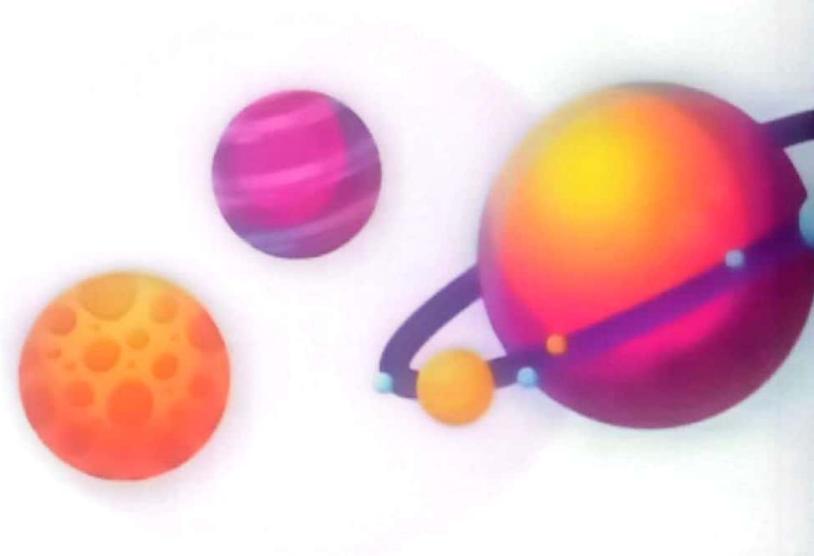


# Anchor Tag

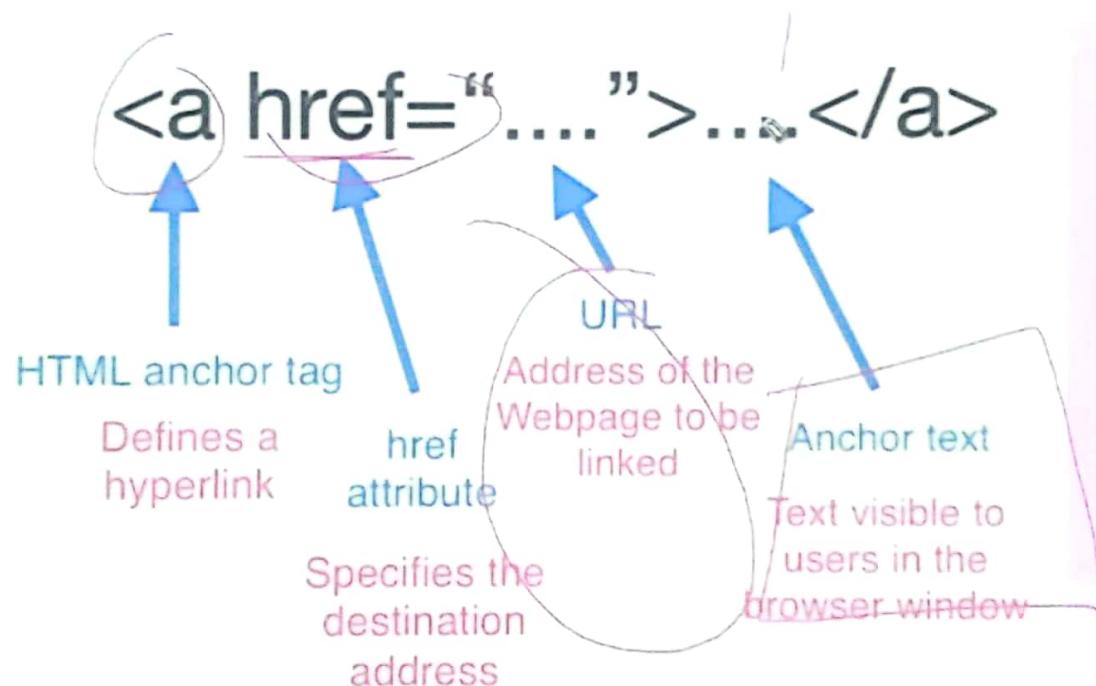
The `<a>` tag defines a hyperlink, which is used to link from one page to another. Some attributes:

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- ❑ **href:** Specifies the URL of the page the link goes to



# Anchor Tag



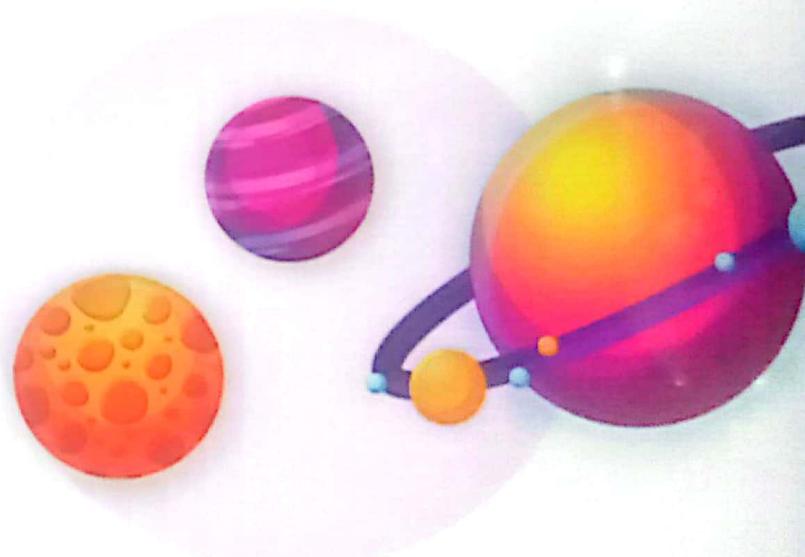
hasanredoy395@gmail.com

Programming

## Image Tag

The <img> tag is used to embed an image in an HTML page. Some attributes:

- src**: Specifies the path to the image
- alt**: Hasan Ali - Original Data Specifies an alternate text for the image, if the image for some reason cannot be displayed
- height**: Specifies the height of an image
- width**: Specifies the width of an image



# Image path

hasanredoy395@gmail.com

```

```

It specifies that picture.jpg is located in the **same folder** as the current page.

```

```

It specifies that picture.jpg is located in the **images folder** in the current folder.

```

```

It specifies that picture.jpg is located in the images folder at the root of the current web.

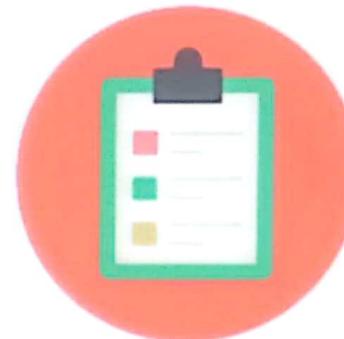
```

```

It specifies that picture.jpg is located in the folder one level up from the current folder.



hasanredoy395@gmail.com



“Imagine you want to create your first travel blog where you will share your recent travel adventures with your readers.  
Now, let’s get creative! ”

---



# Practice Task 1



- ❑ Create a basic HTML page structure with the doctype, html, head, meta, title and body tags
  
- ❑ The title will be “My Travel Blog”
  
- ❑ Add comments to the code to explain each section. For example, “this is the head section”



## Practice Task 2

- Create a heading tag that will have the text “My Travel Blog”
- Format the text in your heading tag using italic

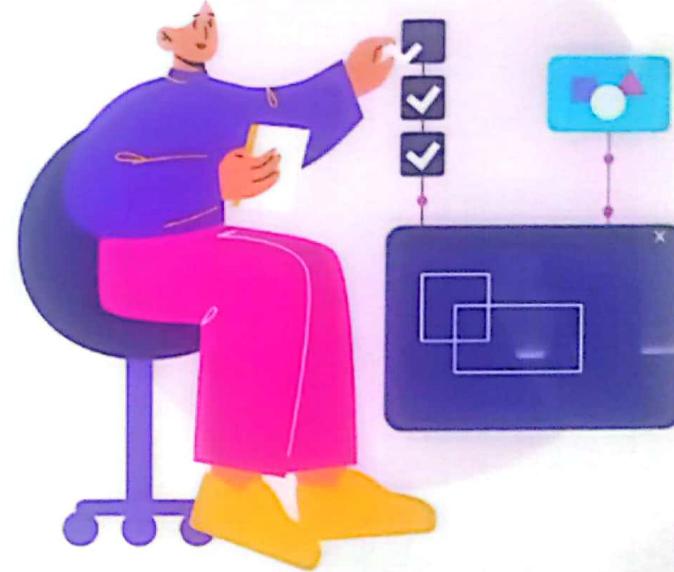
hasanredoy395@gmail.com



# Practice Task 3

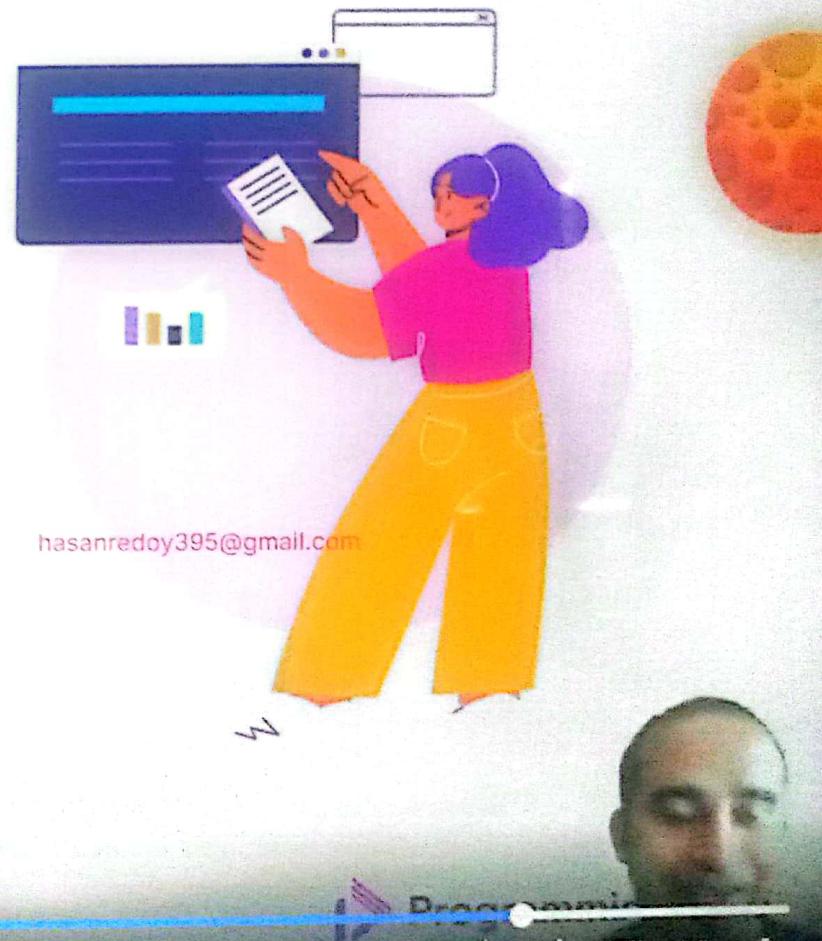
hasanredoy395@gmail.com

- ❑ Create a div and inside the div create a paragraph.  
Write about your experience.
  
- ❑ Add a button having the text “Read More”



## Practice Task 4

- Create a span tag which will be outside the div. It will have the text “What I bought”
- Format the text in your span tag bold.
- Create an ordered list of things you bought from the place you visited
- Create another span tag with the text “My favourite food” and make it bold
- Create an **unordered list** of your favourite food you ate in that place

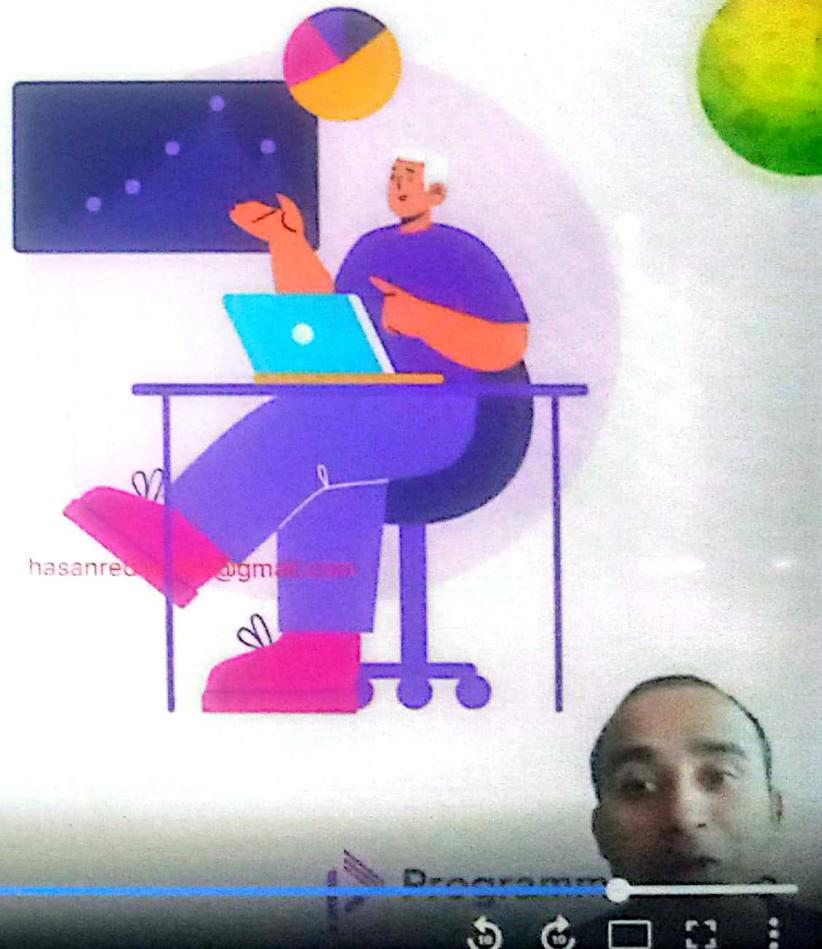


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## Practice Task 6

- Create a link to your favourite song you listened to while travelling using the anchor tag and add the href and target attributes to it. Copy the URL link from YouTube.

**Use line breaks <br> where necessary**



All power!

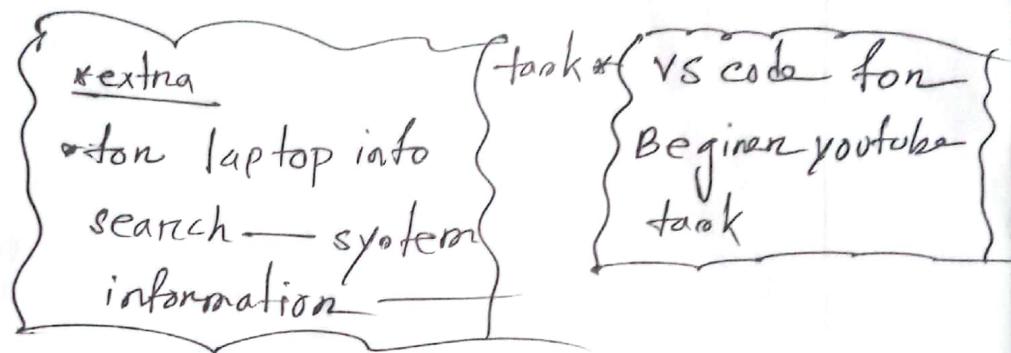
Vis

## Module 1

①

①

### Visual Studio code



②

\* Node check -

~~node~~

command node -v + Enter

\* ~~Node~~ cmd to back on no error

③ \* git check - command git -v

# Milestone 1

New Milestone

Module 1

Learn and Explore HTML

1-1

quick open folder to vs code —

Path + cmd + enter + code . + enter

Font size — file → preference → setting →  
search font size

HTML — Hypertext Markup Language

1-2

\* website don't understand gap in written

\* P tag —

\* b " → just for show

\* strong " → importance — semantic tag

extra  
ctrl + L → select link

\* i tag — italic

\* em " — emphasize → semantic

Extra

\* to enter without

moving cursor —

ctrl + enter

\* ctrl + shift + , → next tag

\* ctrl + shift + , → previous

1-3

\* heading — h1-h6

\* small —

\* inline vs block

1-4

List: container, list (ol, ul, li)

line break, button

ul — container tag

ol — ordered list — container

li — list

which contain  
many other  
tag

br — break

button — to make a button

1-5

hyper

\* text + hyper covers finger touch category

\* anchor tag — a

\* download —

href

hypertext  
reference

target = "blank" text/  
photo

rel = "noopener" — break the

relation between two pages and  
keep it secure

extra  
ctrl + L → select  
link

## Hyperlink & ~~Image~~

- ① External
- ② Internal

1-6 ~~Basic HTML~~  
image

<img> - empty tag (no ending)

<img> - void

<img/> - self closing

\* Online/External image

• Hyperlink

extra  
free website

src - Attribute

\* height \* width

\* internal image

\* image at extension ~~extension file type~~

\* alt - attribute -

alt image description for blind and  
fatal case

1-7

HTML tags

input

### Form

input — tag / text

input — password

} input : text

input : password / p

\* inline tag

input : checkbox

\* button

input : date

\* select

input : email

must have  
option  
attribute attri  
minimum 2

input : file

input : btn

input : submit

\* placeholder attribute

HW — input type

}   
+ direct browser  
→ action in form

1-8

\* head

\* body

\* footer

\* faricon

```
<link rel="shortcut icon" href="... type="image/x-icon">
```

←→ authors in meta