

## **Assignment-1.1:-**

### **Demonstrating HTML Attributes**

Visit OpenAI's website:

[OpenAI](#)

Company Logo:



This paragraph demonstrates the use of **id** and **class** attributes.

Username:



## **Assignment-1.2 :-**



### **Example of the <a> Tag in HTML**

Visit [OpenAI's website](#) for more information.

Go to [Section 2](#) on this page.

#### **Section 2**

This is the section you were linked to.

Contact us via [email](#).

Download our [sample PDF](#).



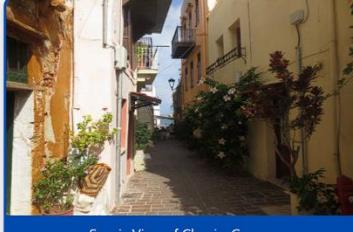
## Assignment-1.3 :-

HTML <img> Tag Example

http://127.0.0.1:5500/BTECH(F-1)/GOPAL-KRISHNA-SHUKLA-(RU-25-10528)/Assignment\_3.html

### Beautiful Example of the <img> Tag

The <img> tag in HTML is used to insert an image into a web page. It uses attributes like `src` (source of the image) and `alt` (alternative text) to display and describe the image.



Scenic View of Chania, Greece

**Explanation:**

- **src:** Defines where the image is located.
- **alt:** Displays text if the image can't load and helps with accessibility.
- **title:** Shows a tooltip when hovering over the image.
- **width/height (optional):** Control the image's display size.

Windows taskbar: File Explorer, Task View, Start, Search, Taskbar icons, Network, Mail, Edge, LinkedIn, Microsoft Teams, WhatsApp, Google Chrome. System tray: ENG IN, Wi-Fi, Battery, 10:20 PM, 1/3/2026.

## Assignment-1.4:-

Difference Between <ol> and <ul>

http://127.0.0.1:5500/BTECH(F-1)/GOPAL-KRISHNA-SHUKLA-(RU-25-10528)/Assignment\_4.html

### Difference Between <ol> and <ul> Tags

HTML provides two main types of lists: <ol> for ordered (numbered) lists and <ul> for unordered (bulleted) lists. Both use the <li> tag for individual items.

**Ordered List (<ol>)**

Used when the order or sequence of items is important, like steps or rankings.

- I. Turn on your computer.
- II. Open your web browser.
- III. Go to a learning website.
- IV. Start studying HTML.

Windows taskbar: File Explorer, Task View, Start, Search, Taskbar icons, Network, Mail, Edge, LinkedIn, Microsoft Teams, WhatsApp, Google Chrome. System tray: ENG IN, Wi-Fi, Battery, 10:21 PM, 1/3/2026.

A screenshot of a Microsoft Edge browser window. The title bar says "Difference Between <ol> and <ul>". The address bar shows the URL: "http://127.0.0.1:5500/BTECH(F-1)/GOPAL-KRISHNA-SHUKLA-(RU-25-10528)/Assignment\_4.html". The page content includes a numbered list and a bullet-pointed list, both enclosed in callout boxes. A summary note at the bottom states: "Summary: <ol> creates numbered lists (order matters) — <ul> creates bulleted lists (order doesn't matter)". The taskbar at the bottom shows various pinned icons.

## Practical-1:-

A screenshot of a Microsoft Edge browser window. The title bar says "HTML Headings and Text Form". The address bar shows the URL: "http://127.0.0.1:5500/BTECH(F-1)/GOPAL-KRISHNA-SHUKLA-(RU-25-10528)/Practical\_1.html". The page content shows a hierarchy of headings from H1 to H6. It also includes sections on paragraphs, text formatting tags (bold, italic, underline, etc.), and example web page text. A note at the bottom says: "As you can see, each heading level decreases in size and importance." The taskbar at the bottom shows various pinned icons.

## Practical-2:-

HTML Links, Images, and Lists - [http://127.0.0.1:5500/BTECH\(F-1\)/GOPAL-KRISHNA-SHUKLA-\(RU-25-10528\)/Practical\\_2.html](http://127.0.0.1:5500/BTECH(F-1)/GOPAL-KRISHNA-SHUKLA-(RU-25-10528)/Practical_2.html)

## HTML Links, Images, and Lists

Created by: Gopal Krishna Shukla

### 1. HTML Links

Links are created using the <a> tag. You can use it to connect one webpage to another. Example:

Visit [Google](#) or [Wikipedia](#) for more information.

### 2. HTML Images

Images are displayed using the <img> tag. Example:



This is the official HTML5 logo.

### 3. HTML Lists

There are two main types of lists: **Ordered** and **Unordered**. You can also create **Nested Lists** (a list inside another list).

**Unordered List Example: Programming Languages**

- HTML
- CSS

**Ordered List Example: Steps to Create a Webpage**

1. Open a text editor
2. Write HTML code
3. Save the file with .html extension
4. Open it in a web browser

**Nested List Example: Web Development Topics**

- Frontend
  - HTML
  - CSS
  - JavaScript
- Backend
  - 1. Node.js
  - 2. Python (Django/Flask)
  - 3. PHP
- Databases
  - MySQL
  - MongoDB
  - PostgreSQL

HTML Links, Images, and Lists - [http://127.0.0.1:5500/BTECH\(F-1\)/GOPAL-KRISHNA-SHUKLA-\(RU-25-10528\)/Practical\\_2.html](http://127.0.0.1:5500/BTECH(F-1)/GOPAL-KRISHNA-SHUKLA-(RU-25-10528)/Practical_2.html)

### 4. Conclusion

In this webpage, we demonstrated the use of:

- **Links** – to connect to other web pages or websites.
- **Images** – to display pictures or graphics.
- **Lists** – to organize technology-related topics clearly.

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## Practical-3:-

The screenshot shows a web browser window titled "Education Table Example". The URL is [http://127.0.0.1:5500/BTECH\(F-1\)/GOPAL-KRISHNA-SHUKLA-\(RU-25-10528\)/Practical\\_3.html](http://127.0.0.1:5500/BTECH(F-1)/GOPAL-KRISHNA-SHUKLA-(RU-25-10528)/Practical_3.html). The main content is titled "Education Details Page". A caption states: "This table demonstrates how to use merged cells, alignment, and a caption in HTML. Merged cells are used to combine multiple columns for better readability, the table is centered using alignment attributes, and the caption describes the purpose of the table." Below the caption is a table with the following data:

My Education Details			
Courses	School/University & Location	Year	Percentage/Status
B.Tech (CSE)	Rungta International Skill University, Bhilai		Ongoing
Intermediate	SJS Public School, Raebareli, Uttar Pradesh	2023	71%
10th Class	Universal Public School, Gurugram	2021	66.6%

In the table above:

- The **B.Tech (CSE)** row uses a **merged cell** (`colspan="2"`) to combine the School/University and Location columns for clarity.
- The table is **center-aligned** on the page using `.`
- The **caption** at the top describes the table as "My Education Details".

This demonstrates how HTML tables can be structured neatly while highlighting important details through merged cells, alignment, and captions.

## Practical-4:-

The screenshot shows a web browser window titled "Student Information Form". The URL is [http://127.0.0.1:5500/BTECH\(F-1\)/GOPAL-KRISHNA-SHUKLA-\(RU-25-10528\)/Practical\\_4.html](http://127.0.0.1:5500/BTECH(F-1)/GOPAL-KRISHNA-SHUKLA-(RU-25-10528)/Practical_4.html). The main content is titled "Student Information Form". The form fields include:

- Student Information
  - Full Name:  
Enter your full name
  - Father's Name:  
Enter your father's name
  - Email:  
Enter your email
  - Mobile Number:  
Enter 10-digit mobile number
  - Date of Birth:  
mm/dd/yyyy
  - Address:  
Enter your address
- Gender:
  - Male
  - Female
  - Other
- Skills:
  - C
  - HTML
  - Java
  - C++

Student Information Form

[http://127.0.0.1:5500/BTECH\(F-1\)/GOPAL-KRISHNA-SHUKLA-\(RU-25-10528\)/Practical\\_4.html](http://127.0.0.1:5500/BTECH(F-1)/GOPAL-KRISHNA-SHUKLA-(RU-25-10528)/Practical_4.html)

Skills:

- C
- HTML
- Java
- C++

Hobbies:

- Reading
- Sports
- Music
- Travel

Choose Branch:

Select Branch

Select Year:

Select Year

Upload Photo:

Choose File | No file chosen

**Text Inputs:** Collect short text like Name, Email, Mobile, or Address. Specialized types like `email`, `tel`, and `date` help with validation.

**Radio Buttons:** Allow the user to select *only one option* from a set. Example: Gender.

**Checkboxes:** Allow the user to select *multiple options*. Example: Skills or Hobbies.

**Select Menus:** Provide a dropdown list for choosing one option. Example: Branch or Year.

**Submit Button:** Sends the form data to the server.

**Reset Button:** Clears all input fields and restores default values.



## Practical-5:-

Semantic Web Page with Tags

[http://127.0.0.1:5500/GOPAL-KRISHNA-SHUKLA-\(RU-25-10528\)/Practical\\_5.html](http://127.0.0.1:5500/GOPAL-KRISHNA-SHUKLA-(RU-25-10528)/Practical_5.html)

# My Company

Delivering Excellence Since 2025

[Home](#) [About](#) [Services](#) [Blog](#) [Contact](#) [HTML Tags](#)

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### Welcome

Our company specializes in providing high-quality solutions tailored to your needs.

### News & Updates

**Upcoming Webinar**  
Join our free webinar on modern web development trends.

**New Office Opening**  
Our new office opens in New York City.

### About Us

To deliver innovative solutions that improve our clients' businesses.

### Services

A diverse team of experts committed to excellence.

### Our Mission

Creating beautiful, responsive websites.

### SEO Optimization

Semantic Web Page with Tags

http://127.0.0.1:5500/GOPAL-KRISHNA-SHUKLA-(RU-25-10528)/Practical\_5.html

## SEO Optimization

Enhancing your website visibility on search engines.

## HTML Tags Explained

Here's a quick overview of the tags used in this page:

- <header> – Represents the top section of the page, often containing the logo and navigation.
- <nav> – Contains links for site navigation.
- <main> – Holds the main content of the page.
- <section> – Represents distinct sections of content, like "About" or "Services".
- <article> – Independent content within a section, like a blog post or service description.
- <aside> – Sidebar content, often for related info, ads, or updates.
- <footer> – The bottom section, typically with copyright and secondary links.
- <ul> and <li> – For lists of items, like navigation links or updates.
- <a> – Anchor tag used for links.
- <p> – Paragraph of text.
- <h1> to <h3> – Headings to structure content hierarchically.

## Contact Us

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