HTML Anchor Tag and Hyperlinks

1. **HTML Anchor Tag:**
   a. The HTML anchor tag defines a hyperlink that links one page to another page.
   b. Hyperlinks are used to join multiple webpages.
   c. To provide hyperlinks in webpage we have to use *‹a›.....‹/a›* tag in HTML.
   d. Anchor tag is a paired tag in HTML.
   e. **Syntax**: `<a href="">........</a>`

2. **Anchor tag related attributes:**
   a. Anchor tag consists of 2 attributes:
      i. *href* attribute ⇒ It is used to provide a link to a webpage which you want to join or redirect.
      ii. *target* attribute ⇒ It is used to provide behaviour for opening of a link. Like we have to open the link in the same tab or another tab. There are 4 values for target attribute:
      iii. *target = _self (default)*
      iv. *target = _blank*
      v. *target = _top*
      vi. *target = _parent*

3. **Appearance of HTML Anchor Tag:**
   a. Unvisited Link → Displayed underlined and blue.
   b. Visited Link → Displayed underlined and purple.
   c. Active Link → Underlined and red color.

4. Link to same website (Default):

a. If we want to redirect the same or current page then we can pass the value **#** inside the *href* attribute.

b. And by default the value for target attribute is *_self*.

c. **Example** ⇒ `<a href="#">Same Page</a>`

5. Link to other website:

a. If we want to redirect to another page then we have to pass the reference of that page or source to the href attribute.

b. And if you want to open that source in another tab then we must pass the value as *_blank* for target attribute.

c. Because by default it target is *_self* and it will open in the current page or tab.

d. **Example** ⇒
`<ahref="https://www.google.com/" target="_blank">Google Home</a>`

6. Link that runs mail (*mailto*):

a. *Mailto* links are used to redirect to an email address instead of a web page URL.

b. When a user clicks on the Mailto link, the default email client on the visitor's computer opens and suggests sending a message to the email address mentioned in the Mailto link.

c. To create a Mailto link, you need to use the HTML tag with its *href* attribute, and insert a " *mailto*: " parameter.

d. **Example** ⇒ `<a href="mailto:abc@gmail.com">Click Here to Mail</a>`

7. How to download source on clicking link (*download*):

a. The *download* attribute specifies that the target (the file specified in the *href* attribute) will be downloaded when a user clicks on the hyperlink.

b. **Example** ⇒ `<a href="/assets/devlogo.jpg" download>Download</a>`

c. **NOTE** ⇒ If we do not provide the value for download attribute by default it will take the name of the file name that we have provided in the *href* attribute as source.

d. Example ⇒

```
<a href="/assets/devlogo.jpg" download="Developer">Download</a>
```