

Subject : Information Technology

Standard : 12th Science.

Chapter No. 1 : Advanced Web Designing.

Topic Name : Image map and Inline Frame in HTML5.

❖ **Image map in HTML5 :**

- An image with multiple hyperlinks is called an image map.
- Image map is used to connect links to different regions on the webpage.
- An Image map is created by making certain regions on an image clickable.
- These clickable regions are called as hotspots.
- Image maps are of two types: 1) Client Side 2) Server Side.
- We will confine only to Client Side Image map.

❖ The tags used to define Client Side Image Map are:

1. :

- It is used to insert an image on a web page.
- To create Client Side Image map USEMAP attribute of is used with value which is preceded with a# symbol.
- The USEMAP attribute acts as a pointer which indicates that the image is a Client Side Image map.

2. **<map>** :

- It has only one attribute name.
 - It specifies name of the image used for Client Side Image map.
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- The value of the name attribute is the value specified in usemap attribute of .

3. **<area>** :

- It defines specific clickable regions.
- A given <map> element can contain multiple <area> element within it.
- <area> is singular tag and <map> is paired.

❖ Attributes of <area> :

Attributes	Description
Href	Defines the URL to which the clickable region within the image-map navigates.
Shape	It can value rect, circle or poly.
Coords	Specifies the coordinates of the area
alt	Specifies extra information about clickable area. It is the alternative text to the clickable region.

❖ **INLINE FRAMES IN HTML5 :**

- The <iframe> element creates an inline frame.
- Inline frames are often used in online advertising, where the contents of the <iframe> is an advertisement from an external party.
- HTML5 allows the incorporation to be seamless (no scrollbars, borders, margins etc.).

❖ Attributes of <iframe> :

Attributes	Values	Description
Src	URL	Specifies the address of the document to embed in the <iframe>.
Height	Pixel	Specifies the height of an <iframe>
Width	Pixels	Specifies the width of an <iframe>
Name	Text	Specifies name of an <iframe>
Srcdoc	HTML_CODE	Specifies the HTML content of the page to show in the <iframe>.

THANK YOU.
