

HTML5

Q1.what are the new tags added in html 5?

Ans.html5 added few tags listed as under

<section>,<header>,<footer>,<nav>,<mark>,<figure>,<aside>,<figcaption>,<data>,<time>,<output>,<progress>,<meter>,<main>.

->section defines the section of documents such as chapters,headers,footers,or any other sections.

->header tag is used for giving heading or subheading on a webpage.

->->footer tag represents footer for it's nearest ancestor sectioning element or

->sectioning root element.

->footer typically contains information about the author of the section, copyright data or link to related documents.

->nav tag contains navigation links for current document to other documents.

->mark tag is used to define the marked text.

->figure tag are used for showing illustrations,diagrams,photos,code listings etc.

->aside defines some content aside from the content it is placed on.

->figcaption defines caption for figure element.

->data tag used to add machine readable translation of a given element.

->time tag defines specific time(datetime).

->output tag is used to represent the result of a calculation.

->progress tag display the progress of the task.

->meter tag defines a scaler measurement within a known range or a fractional value.

->main tag specifies the main content of a document.

Q2.how to embed audio and video in webpage?

Ans.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Document</title>
  </head>
  <body>
    <audio controls>
      <source src="better-day-186374 (1).mp3" type="audio/mp3" />
    </audio>
  </body>
</html>

<!DOCTYPE html>
<html lang="en">
<head>

</head>
<body>
  <iframe width="695" height="391"
src="https://www.youtube.com/embed/wi2TjEDDeuk" title="19 FINISHES WITH
CHICKEN DINNER | RANDOMS GAMEPLAY | BGMI" frameborder="0"
allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope;
picture-in-picture; web-share" allowfullscreen></iframe>

</body>
</html>
```

->in embedding audio,video file user have to import it's src in program for running video,audio in web browsers.

->controls have to written in html program to play particular audio,video.

Q3.semantic elements in html5?

Ans.<header>,<footer>,<article>

->->header tag is used for giving heading or subheading on a webpage.

->footer tag represents footer for it's nearest ancestor sectioning element
or

->sectioning root element.

->footer typically contains information about the author of the section, copyright data or link to related documents.

->article tag is used for specifies independent self-contained content.

Q4.Canvas and SVG tags.

ans. ->canvas element is container of graphics.

->canvas can't have default styling.

->User have to write styling for it.

->canvas element is used for box,circles,text,adding,images etc.

->canvas element going pixel by pixel.

SVG

->svg defines vector graphics in xml which can be directly embed on html pages.

->svg graphics are scalable.

->each element and attribute in svg file are animated.