

Task 1

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1. List out the features of HTML5

- Semantic elements
It refers to the meaning of the text
- Audio and video support
<audio> and <video> tags used to embed the audios and videos into the html page
- Canvas elements
It helps to draw shapes, lines, images
- Geolocation API
It is used to access the geographical position of the user
- Local storage
For storing data in users browser and can access them with the help of javascript APIs. This feature is useful for creating offline applications where data is need to be stored locally.
- Drag and drop API
move an object to different location by grabbing it.

2. Difference between html and html5

HTML	HTML5
It didn't support audio and video and without the use of flash player support	It support audio and video with the use of <audio> and <video> tags

It uses cookies to store temporary data	It uses sql database and application cache to store offline data
Does not allow javascript to run in the browser.	Allows javascript to run in the background. This is possible due to JS web worker API in HTML5
It does not allow drag and drop effects.	It allow drag and drop effects.
<html> ,<body> and <head> tags are mandatory while writing a html code	These tags can be omitted while writing HTML code.
Elements like nav, header were not present.	New element for web structure like nav, header,footer etc.
Doctype declaration is too long	Doctype declaration is very simple “<!DOCTYPE html>”

3. What is formatting in HTML

HTML formatting is the process of using HTML tags to change the appearance of text on a web page.

<p>: Paragraph
 : Makes text bold
 :Text with strong importance
 <i>: Makes text italic
 : Emphasizes text
 <pre>:For preformatted text
 <mark>: Marks text
 <small>: Makes text smaller
 <big>: Makes text larger
 : Deletes text

<ins>: Inserts text
<sub>: Makes text a subscript
<sup>: Makes text a superscript

4. What is the difference between HTML elements and tags

HTML Elements

HTML elements is defined by a start tag, some contents and end tag. if there is no content in an html element, it is called an empty HTML element.

Example of elements:

<p>(opening tag) </p>(closing tag), <h1>(opening tag) </h1>(closing tag).

Example of empty elements:

<hr> ,

HTML Tags

All html tags must enclosed with <> these brackets.

Tags are the starting and ending parts of an HTML element. They begin with < symbol and end with > symbol. Whatever written inside < and > are called tags.

5. How can you make text appear in monospace font in HTML

To make text appear in a monospace font in HTML, we can use the <tt> or <pre> tag.

```
sample.html > html > body > tt
1 <html>
2 <head>
3   <title>Monospace</title>
4 </head>
5
6
7 <body>
8
9   <p>
10     This is a text with default font
11   </p>
12   <tt>
13     This is a text in tt tag
14   </tt>
15   <pre>
16     This is a text in pre tag
17   </pre>
18
19
20
21 </body>
22 </html>
```



This is a text with default font

This is a text in tt tag

This is a text in pre tag