## 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 support audio and video wth the use of <audio> and <video> tags</video></audio>

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.
<a href="https://www.energeness.com/"></a> <a href="https://www.energeness.com/">httml&gt; ,<body> and <a body="" href="head&gt;"> and <a body="" href="head&gt;"> and <a body="" href="head&gt;"> and <a body="" href="head&gt;"> and <a href="head">head&gt;"body&gt; and <a href="head">writing a html code</a></a></a></a></a></a></body></a>	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 " 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.

: Paragraph

<br/>b>: Makes text bold

<strong>:Text with strong importance

<i>: Makes text italic

<em>: Emphasizes text

:For preformatted text

<mark>: Marks text

<small>: Makes text smaller

<br/>
<br/>big>: Makes text larger

<del>: 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:

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

#### Example of empty elements:

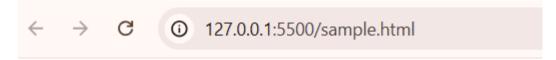
#### **HTML Tags**

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 tag.



This is a text with default font

This is a text in tt tag

This is a text in pre tag