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Roll No:- 37

Class :- D11AD

Subject :- Web Computing

Experiment 1

Aim :- To create a html webpage containing html elements lile head, body (along with some formatting), paragraph, also include image, video, hyperlink, and table of your choice.

Theory :-

HTML :- HyperText Markup Language, or HTML. With the aid of a markup language, it is used to design web pages. The acronym HTML stands for Hypertext Markup Language. The link between web pages is defined by hypertext. The text document inside the tag that specifies the structure of web pages is defined using a markup language. This language is used to annotate material so that a computer can comprehend it and modify the content as necessary. Most markup languages, like HTML, can be read by people. The language employs tags to specify what text processing is required.

Head :- The ‹head› element is a container for metadata and is placed between the ‹html› tag and the ‹body› tag.

Title :- The ‹title› tag defines the title of the document. The title must be text-only, and it is shown in the browser's title bar or in the page's tab.

Body :- The ‹body› tag defines the document's body. The ‹body› element contains all the contents of an HTML document, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.

Headings :-HTML headings are defined with the ‹h1› to ‹h6› tags. ‹h1› defines the most important heading. ‹h6› defines the least important heading. ‹h1› headings

should be used for main headings, followed by `<h2>` headings, then the less important `<h3>`, and so on.

Paragraph :-The HTML `<p>` element defines a paragraph. A paragraph always starts on a new line, and browsers automatically add some white space (a margin) before and after a paragraph.

Images :-The HTML `<img>` tag is used to embed an image in a web page. Images are not technically inserted into a web page; images are linked to web pages. The `<img>` tag creates a holding space for the referenced image. The `<img>` tag is empty, it contains attributes only, and does not have a closing tag.

Video :- The HTML `<video>` element is used to show a video on a web page.

Table :- HTML `<table>` tag allows web developers to arrange data into rows and columns. Table headers can be added using the `<th>` tag. Each table cell is defined by a `<td>` and a `</td>` tag. Everything between `<td>` and `</td>` are the content of the table cell. Each table row starts with a `<tr>` and ends with a `</tr>` tag.

HyperLink :- The HTML `<a>` tag defines a hyperlink. You can click on a link and jump to another document. The most important attribute of the `<a>` element is the `<href>` attribute, which indicates the link's destination.

Lists :- HTML lists allows to group a set of related items in lists. An unordered list starts with the `<ul>` tag. Each list item starts with the `<li>` tag. An ordered list starts with the `<ol>` tag. Each list item starts with the `<li>` tag.

Code Snippets :-

```html
<!DOCTYPE html>
<html lang = 'en'>
    <title>1st Exp</title>
    <head>
     <link rel="stylesheet" href="37css.css">
     <h1><b>AIM</b>:- To create a html webpage containing <i>html elements lile head,
        body (along with some formatting), paragraph</i>,
        also include <i>image, video, hyperlink, and table of your choice</h1></i></head>
    <head>  <a href="https://www.youtube.com/watch?v=dQw4w9WgXcQ">Click for a surprise</a></head>
<body>
        <h3><center>Roll No 37, Manav Pahilwani</center></h3>
        <img src="C:\Users\Student\Downloads\pexels-jonathan-borba-12173281.jpg" style="width:400px;height:500px; margin-left: 300px;">
            <video width = "320px" height = "500px" padding = "100px"
            src="C:\Users\Student\Downloads\pexels-melike-b-8994820.mp4" controls autoplay></video>
            <p style="font-size: 20px ;">Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore
                et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.
                Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
                Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
```

```html
                <table border="10px" align="center" style="background-color: ◼Violet ;">
                    <tr>
                        <th>Name</th>
                        <th>Roll No.</th>
                        <th>Location</th>
                    </tr>
                    <td>Manav</td>
                    <td>37</td>
                    <td>Malegaon</td>
                    </tr>
                    <tr>
                        <td>Shreya</td>
                        <td>55</td>
                        <td>Badlapur</td>
                    </tr>
                    <tr>
                        <td>Om</td>
                        <td>15</td>
                        <td>Airoli</td>
                    </tr>
                    <tr>
                        <td>Madhusudhana</td>
                        <td>36</td>
                        <td>Seawoods</td>
                    </tr>
                    <tr>
                        <td>Janhavi</td>
                        <td>27</td>
                        <td>Vikhroli</td>
                    </tr>
                </table>
```

```
50  ∨                    <ol>
51                          <li>Coffee</li>
52                          <li>Tea</li>
53                          <li>Cold Coffee</li>
54                          <li>Latte</li>
55                      </ol>
56      </Body>
57      </body>
58          </html>
```
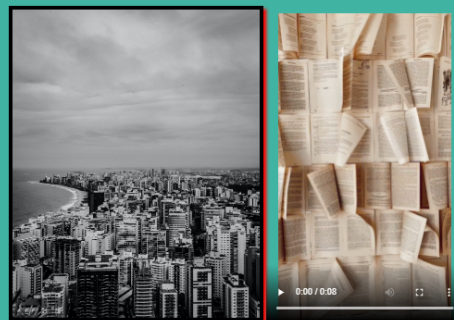
Output :-

AIM:- To create a html webpage containing *html elements lile head, body (along with some formatting), paragraph*, also include *image, video, hyperlink, and table of your choice*

Click for a surprise

Roll No 37, Manav Pahilwani

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Name	Roll No.	Location
Manav	37	Malegaon
Shreya	55	Badlapur
Om	15	Airoli
Madhusudhana	36	Seawoods
Janhavi	27	Vikhroli

1. Coffee
2. Tea
3. Cold Coffee
4. Latte