**EXPERIMENT NO. 01**

**NAME: Anish Ashok Sharma SAP ID: 60003220045**

**DIV: I-1 BATCH:1 ROLL\_NO: I011**

**CO/LO:** **Develop web applications.**

**AIM / OBJECTIVE:** **HTML: Design a website including basic html tags, list, image, links, table and forms using only HTML.**

**DESCRIPTION OF EXPERIMENT:**

Explain all the tags used in the experiment.

### Head Tag

The head tag <head> contains all the elements describing the document.

### Title Tag

The title tag <title> specifies the HTML page title, which is shown in the browser’s title bar.

1. Body Tag

The body tag <body> is where you insert your web page’s content.

### Paragraph Tag

A paragraph tag <p> is used to define a paragraph on a web page.

### Heading Tag

The HTML heading tag is used to define the heading of the HTML document. The <h1> tag defines the most important tag, and <h6> defines  the least.

Formatting Tags

### Emphasis tag

The HTML <em> tag is used to emphasize the particular text in a paragraph.

### Bold Tag

The <b> tag is used to make the text bold.

### Italic Tag

The <i> tag is used to make the text italic.

### Underline Tag

The <u> tag is used to set the text underline.

1. Link Tag

The <a> tag links one page to another page. The href attribute is used to define

1. The <li> tag is used if you want to enter the contents in the listed order. There are two types of lists.

## Image Tag

The <img> tag  is used to embed an image in an HTML document. You need to specify the source of the image inside the tag.

1. The Table Tag

The <table> tag is used to create a table in the HTML document.

The table row (<tr>) tag is used to make the rows in the table, and the table data (<td>) tag is used to enter the data in the table.

1. Form Tag

<form> tag is used to create a container which takes in input from the user by making use of <input> tag. By adding an action link in the form you can redirect the user or store the information using PHP

**SOURCE CODE:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Student|Form</title>

    <link rel="stylesheet" href="style.css">

</head>

<style>

    table,

    th,

    td {

        border: 1px solid black;

        border-collapse: collapse;

    }

</style>

<body>

    <h1>Name of the candidate</h1>

    <div class="navbar">

        <div class="item-1">

            <img src="w3.png" alt="w3 schools">

        </div>

        <div class="item-2">

            <h2>E-mail: abc @google.com</h2>

            <p><a href="google.com">Website:www.google.com</a></p>

        </div>

    </div>

    <ol>

        <li>

            <h1><u>Educational details</u></h1>

        </li>

        <!-- <tableborder="1"> -->

        <table border-collapse="collapse">

            <tr>

                <th>Sr.no</th>

                <th>Degree</th>

                <th>university/board</th>

                <th>Percentage</th>

                <th>Grade</th>

                <th>Passing Year</th>

            </tr>

            <tr>

                <td>1</td>

                <td>B.Tech[computer engineering]</td>

                <td>Indian institute of technology</td>

                <td>80%</td>

                <td>AB</td>

                <td>2019</td>

            </tr>

            <tr>

                <td>2</td>

                <td>H.S.C</td>

                <td>Gujrat Secondary and higher secondary education board</td>

                <td>89%</td>

                <td>AB</td>

                <td>2015</td>

            </tr>

            <tr>

                <td>3</td>

                <td>S.S.C</td>

                <td>Gujrat Secondary and higher secondary education board</td>

                <td>91%</td>

                <td>AA</td>

                <td>2013</td>

            </tr>

        </table>

        <li>

            <h1><u>Hobbies</u></h1>

            <ul>

                <li>reading</li>

                <li>cricket</li>

                <li>Movies</li>

            </ul>

        </li>

        <li>

            <h1><u>Seminars & projects:</u></h1>

            <ul>

                <li>Participated in seminar about<b><u>"ethical hacking"</u></b> </li>

                <li>Project done on subject <b><U>"Cyber Security"</U></b></li>

            </ul>

        </li>

        <li>

            <h1><u>Personal Details:</u></h1>

            <ul>

                <li><b>Name:abc</b></li>

                <li><b>Date of Birth: 1st october,1998</b></li>

                <li><b>Nationality:Indian</b></li>

                <li><b>Languages Known:Gujrati,Hindi and English</b></li>

            </ul>

        </li>

    </ol>

    <h2>Signature</h2>

    <h4>name of the candidate</h4>

    <br>

    <form action="/action\_page.php">

        <span>enter your name</span>

        <input type="text" name="fname"><br>

        <span>enter your details</span>

        <input type="text" name="details">

        <br>

        <span>select an option</span>

        <input type="checkbox">

        <input type="checkbox">

        <input type="checkbox">

        <br>

        <input type="date">

        <br>

        <input type="file">

        <br>

        <input type="email">

        <br>

        <input type="password" size="10" maxlength="8" name="p1">

        <br>

        <input type="radio">

        <br>

        <input type="submit">

        <br>

        <textarea name="ta" rows="4" cols="20"></textarea>

        <br>

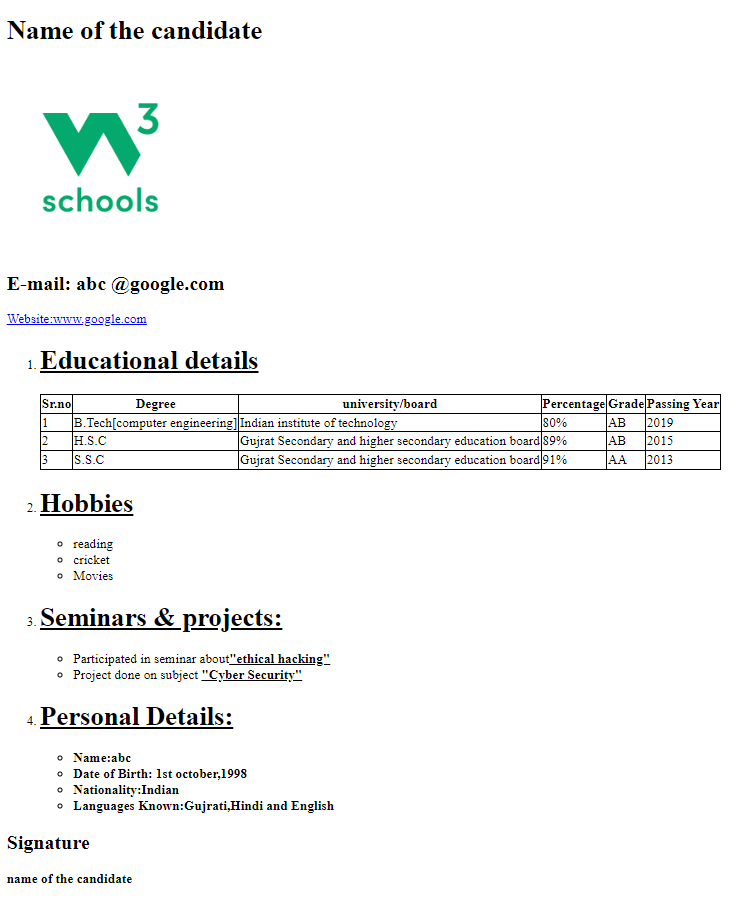
        <input type="reset" name="reset">

    </form>

</body>

</html>

**OUTPUT:**

****

****

**CONCLUSION:**

Created a website using all of the html tags like list, table, form, image, link etc. These tags are used to display images, take user inputs, show data in a structured manner and make the website more interactive with the user.

**REFERENCES:**

**​Website References:​** W3Schools https ://www.w3schools.com/html/default.asp