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# Internet Programming

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## Experiment no. 2

**Title:** Design a Basic web page using advanced HTML5.

**Problem Definition:** Design a web pages using advance HTML5, List,

Frames, Forms, Multimedia tags of HTML5 **Pre-requisites:** Basic HTML and Tags.

**Theory:** HTML also supports description lists.

A description list is a list of terms, with a description of each term.

The <dl> tag defines the description list, the <dt> tag defines the term (name), and the <dd> tag describes each term

HTML frames are used to divide your browser window into multiple sections where each section can load a separate HTML document. A collection of frames in the browser window is known as a frameset. The window is divided into frames in a similar way the tables are organised: into rows and columns.

An HTML form is a section of a document containing normal content, markup, special elements called [controls](https://www.w3.org/TR/html401/interact/forms.html#form-controls) (checkboxes, radio buttons, menus, etc.), and labels on those controls. Users generally "complete" a form by modifying its controls (entering text, selecting menu items, etc.), before submitting the form to an agent for processing (e.g., to a Web server, to a mail server, etc.)

HTML5 introduced 5 most popular media element tags i.e. <audio>, <video>, <source>, <embed>, <track>. This media element tags changed the entire development using HTML.

In this article, you will get to know about these five media element tags briefly.

Media Tags:

* [<audio>](https://www.geeksforgeeks.org/html5-audio/): It is an inline element that is used to embed sound files into a web page.
* [<video>](https://www.geeksforgeeks.org/html5-video/): It is used to embed video files into a web page.
* [<source>](https://www.geeksforgeeks.org/html-source-tag/): It is used to attach multimedia files like audio, video, and pictures.
* [<embed](https://www.geeksforgeeks.org/html-embed-tag/)>: It is used for embedding external applications which are generally multimedia content like audio or video into an HTML document.
* [<track>](https://www.geeksforgeeks.org/html-track-tag/): It specifies text tracks for media components audio and video.

**Procedure:**

1. Open any text editor
2. Write some HTML Code
3. Save the file with name ending .HTML
4. Open the HTML Page in your browser

**Program:**

<!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>Contact Details</title>

    <link rel="stylesheet" href="css/styles.css">

</head>

<body>

    <h1>Contact Details</h1>

    <p>You can connect with my by the following platforms:</p>

    <ul>

        <li><a href="https://www.instagram.com/\_\_\_.rajjj.\_\_\_7/">Instagram</a></li>

        <li><a href="https://www.linkedin.com/in/dnyaneshwar">Linkedin</a></li>

        <li><a href="dnyaneshwarpatil2048@gmail.com">Mail</a></li>

    </ul>

    <hr>

    <form action="/contact">

        <label for="name">Name</label>

        <input type="text"><br>

        <label for="gender">Gender:</label>

        <label for="male">M</label>

        <input type="radio" name="male" id="">

        <label for="female">F</label>

        <input type="radio" name="female" id=""><br>

        <label for="">Message</label>

        <input type="textbox" class="texr">

        <br><br>

        <input type="submit" value="submit">

    </form>

    <h2><a href="ip1.html">Home</a></h2>

<iframe width="560" height="315" src="https://www.youtube.com/embed/wdA6jEmX9xQ" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>

</body>

</html>

**Output:**

**Results:** A Basic HTML Web page using advance HTML5, List, Frames,

Forms, Multimedia tags of HTML5

**References:**

1. [HTML Introduction - GeeksforGeeks](https://www.geeksforgeeks.org/html-introduction/)
2. [HTML Styles (w3schools.com)](https://www.w3schools.com/html/html_styles.asp)