**<input type=date>**

This input field display date or input date. This input field display date picker.

**Attributes**

1. Value
2. Min
3. Max

**Syntax:**

<input type=date value=”2024-03-12” min=”2020-01-01” max=”2025-01-01”>

**Example:**

<form>

        <input *type*="date" *value*="2020-03-01" *max*="2025-01-01" *min*="2000-01-01">

        <input *type*="submit">

    </form>

**<input type=time>**

Input type=time allows input time or it display time picker

**Syntax:**

<input type=time>

**<input type=datetime>**

This input type is available in HTML 4.0 and this deleted from HTML 5.0

This input type allows to input date and time

**Syntax:**

<input type=”datetime”>

**<input type=”radio”>**

<input type=”radio”> used for displaying radio buttons.

Radio buttons used to display set of options or list values. In given list of values end user select only one value.

<input type=”radio” name=”name” value=”value”>

**Example**

<!DOCTYPE *html*>

<html *lang*="en">

<head>

    <meta *charset*="UTF-8">

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

</head>

<body>

    <form>

        <label *for*="courses">Courses</label><br>

        <input *type*="radio" *name*="course" *value*="java">Java <br>

        <input *type*="radio" *name*="course" *value*="oracle">Oracle<br>

        <input *type*="radio" *name*="course" *value*="python">Python <br>

        <input *type*="radio" *name*="course" *value*=".net">.Net<br>

        <lable *for*="fs">Full Stack</lable><br>

        <input *type*="radio" *name*="fsc" *value*="fsj">Full Stack Java<br>

        <input *type*="radio" *name*="fsc" *value*="fsn">Full Stack .Net<br>

        <input *type*="radio" *name*="fsc" *value*="fsp">Full Stack Python<br>

        <br>

        <label *for*="q1">HTML is</label><br>

        <input *type*="radio" *name*="q1" *value*="language">Language<br>

        <input *type*="radio" *name*="q1" *value*="markup">Markup Language<br>

        <input *type*="radio" *name*="q1" *value*="script">Scripting Language <br>

        <input *type*="submit">

    </form>

</body>

</html>

**<input type=checkbox>**

Input type=checkbox allows to display list of values or options.

In a given list of values or options end used select one or more than one value.

**Syntax:**

<input type=”checkbox” name=”name” value=”value” checked=”true/false”>

**Note:** grouping of radio buttons and checkbox are done by giving same name.

<!DOCTYPE *html*>

<html *lang*="en">

<head>

    <meta *charset*="UTF-8">

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

</head>

<body>

    <form>

        <label *for*="products">Electronics</label><br>

        <input *type*="checkbox" *name*="p" *value*="keyborad">Keyboard <br>

        <input *type*="checkbox" *name*="p" *value*="monitor">Monitor <br>

        <input *type*="checkbox" *name*="p" *value*="mouse">Mouse <br>

        <label *for*="books">Books</label><br>

        <input *type*="checkbox" *name*="b" *value*="java">Java<br>

        <input *type*="checkbox" *name*="b" *value*="python">Python<br>

        <input *type*="submit">

    </form>

</body>

</html>

**<select>**

This tag or element is used to create scrollable list of values (OR) dropdown or (OR) Menu

**Syntax:**

<select name=”name”>

<option value=”value”>Display Value</option>

<option value=”value”>Display Value</option>

<option value=”value”>Display Value</option>

</select>

**Attribute**

**multiple:** This value can be true/false. This attribute allows to select one or more than one value.

**Example:**

<!DOCTYPE *html*>

<html *lang*="en">

<head>

    <meta *charset*="UTF-8">

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

</head>

<body>

    <form>

        <select *name*="course1">

            <option>Java</option>

            <option>Oracle</option>

            <option>.Net</option>

            <option>Python</option>

            <option>UI</option>

        </select><br><br><br><br><br><br>

        <select *name*="course2" *multiple*="true">

            <option>Java</option>

            <option>Oracle</option>

            <option>.Net</option>

            <option>Python</option>

            <option>UI</option>

        </select><br>

        <br><br><br>

        <input *type*="submit">

    </form>

</body>

</html>

**<optgroup>**

This allows to group the options by separating with line. This line defined using <hr>.

**Attribute**

<optgroup label=”group label”>

**Syntax:**

<select name=”name” multiple=”true/false”>

<optgroup label=”grouplabel”>

<option value=”value”>Value</option>

<option vaue=”value”>Value</option>

<option value=”value”>Value</option>

</optgroup>

<hr>

<optgroup label=”grouplabel”>

<option value=”value”>Value</option>

<option vaue=”value”>Value</option>

<option value=”value”>Value</option>

</optgroup>

</select>

**Example:**

<!DOCTYPE *html*>

<html *lang*="en">

<head>

    <meta *charset*="UTF-8">

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

</head>

<body>

    <form>

        <select *name*="course" *multiple*="true">

            <option *value*="none">----select option---</option>

            <optgroup *label*="Language">

                <option *value*="java">Java</option>

                <option *value*="pyhon">Python</option>

                <option *value*=".net">.Net</option>

            </optgroup>

            <hr>

            <optgroup *label*="Database">

                <option *value*="oracle">Oracle</option>

                <option *value*="mysql">MySQL</option>

                <option *value*="mongodb">MongoDB</option>

            </optgroup>

        </select>

        <input *type*="submit">

    </form>

</body>

</html>

**<input type=file>**

<input type=file> allows to input file or display file picker.

**Syntax:**

<input type=file name=”name”>

<!DOCTYPE *html*>

<html *lang*="en">

<head>

    <meta *charset*="UTF-8">

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

</head>

<body>

    <form>

        <input *type*="file">

        <input *type*="submit">

    </form>

</body>

</html>

**<input type=”url”>**

This input type is used to input URL

<!DOCTYPE *html*>

<html *lang*="en">

<head>

    <meta *charset*="UTF-8">

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

</head>

<body>

    <form>

        <input *type*="url">

        <input *type*="submit">

    </form>

</body>

</html>