

# Unit 2: HTML Tags

# Table

```
<!DOCTYPE html>
<html>

<body>

<table border="1" >
  <tr>
    <th>Name</th>
    <th>Age</th>
    <th>Country</th>
  </tr>
  <tr>
    <td>Harry Depp</td>
    <td>28</td>
    <td>Britain</td>
  </tr>
  <tr>
    <td>John Smith</td>
    <td>35</td>
    <td>USA</td>
  </tr>
  <tr>
    <td>Ram Krishna</td>
    <td>19</td>
    <td>Nepal</td>
  </tr>
</table>
</body>
</html>
```

Name	Age	Country
Harry Depp	28	Britain
John Smith	35	USA
Ram Krishna	19	Nepal

# Colspan

The colspan attribute merges cells across multiple columns

```
<table>
  <tr>
    <th>S.N</th>
    <th>Item</th>
    <th>Quantity</th>
  </tr>
  <tr>
    <td>1</td>
    <td>Apple</td>
    <td>2</td>
  </tr>
  <tr>
    <td>2</td>
    <td>Mango</td>
    <td>2</td>
  </tr>
  <tr>
    <td>3</td>
    <td>Orange</td>
    <td>1</td>
  </tr>
  <tr>
    <td colspan="2">Total</td>
    <td>5</td>
  </tr>
</table>
```

S.N	Item	Quantity
1	Apple	2
2	Mango	2
3	Orange	1
Total		5

# Rowspan

- The rowspan attribute merges cells across multiple rows

```
<table>
  <tr>
    <th>Name</th>
    <th>Subject</th>
    <th>Marks</th>
  </tr>
  <tr>
    <td rowspan="3">Mark Smith</td>
    <td>English</td>
    <td>67</td>
  </tr>
  <tr>
    <td>Maths</td>
    <td>82</td>
  </tr>
  <tr>
    <td>Science</td>
    <td>91</td>
  </tr>
</table>
```

Name	Subject	Marks
Mark Smith	English	67
	Maths	82
	Science	91

# Class Time table

Days & Time	9.00 to 10.00	10.00 to 11.00	BREAK	11.15 to 12.15	12.15 to 01.15	BREAK	2.00 to 3.00	3.00 to 4.00
Monday	S1-DSL(Lab-8) S2-AOOC(Lab-5) S3-TPMS(Lab-11) S4-TTL(Lab-10) S5-TTL(Lab-12) S6-WD(Lab-2)			DS(L)	MDM-II		AT(L)	ES(L)
Tuesday	S1-WD(Lab-2) S2-DSL(Lab-8) S3-AOOC(Lab-5) S4-TPMS(Lab-11) S5-TTL(Lab-10) S6-TTL(Lab-12)			AT(L)	DS(L)		ES(L)	WD(L)
Wednesday	S1-TTL(Lab-12) S2-WD(Lab-2) S3-DSL(Lab-8) S4-AOOC(Lab-5) S5-TPMS(Lab-11) S6-TTL(Lab-10)			AOOC(L)	MDM-II(L)		Dept. Activity	Dept. Activity
Thursday	S1-TTL(Lab-10) S2-TTL(Lab-12) S3-WD(Lab-2) S4-DSL(Lab-8) S5-AOOC(Lab-5) S6-TPMS(Lab-11)			AOOC(L)	DS(L)		AT(L)	OEC-II
Friday	S1-TPMS(Lab-11) S2-TTL(Lab-10) S3-TTL(Lab-12) S4-WD(Lab-2) S5-DSL(Lab-8) S6-AOOC(Lab-5)			S1-AOOC(Lab-5) S2-TPMS(Lab-11) S3-TTL(Lab-10) S4-TTL(Lab-12) S5-WD(Lab-2) S6-DSL(Lab-8)			TPMS(L)	OEC-II
Saturday	LL	LL		LL(self)	LL(self)		Dept. Activity	Dept. Activity

```

<!DOCTYPE html>
<html>
<head>
  <title>Timetable</title>

  <style type="text/css">
    table, th, td {
      border:1px solid black;
    }
    th, td {
      border: 1px solid black;
      text-align: center; /* Centers text horizontally */
      vertical-align: middle; /* Centers text vertically */
      padding: 5px;
    }
  </style>
</head>
<body>
  <center>
    <table>
      <tr>
        <th>Days & Time</th>
        <th>9.00 to 10.00</th>
        <th>10.00 to 11.00</th>
        <th rowspan="7">BREAK</th>
        <th>11.15 to 12.15</th>
        <th>12.15 to 01.15</th>
        <th rowspan="7">BREAK</th>
        <th>2.00 to 3.00</th>
        <th>3.00 to 4.00</th>

      </tr>

```

```

      <tr>
        <td>Monday</td>
        <td colspan="2">
          S1-DSL(Lab-8)<br>
          S2-A00C(Lab-5)<br>
          S3-TPMS(Lab-11)<br>
          S4-TTL(Lab-10)<br>
          S5-TTL(Lab-12)<br>
          S6-WD(Lab-2)
        </td>
        <td>DS(L)</td>
        <td>MDM-II</td>
        <td>AT(L)</td>
        <td>ES(L)</td>
      </tr>
      <tr>
        <td>Tuesday</td>
        <td colspan="2">
          S1-WD(Lab-2)<br>
          S2-DSL(Lab-8)<br>
          S3-A00C(Lab-5)<br>
          S4-TPMS(Lab-11)<br>
          S5-TTL(Lab-10)<br>
          S6-TTL(Lab-12)
        </td>
        <td>AT(L)</td>
        <td>DS(L)</td>
        <td>ES(L)</td>
        <td>WD(L)</td>
      </tr>

```

```

      <tr>
        <td>Wednesday</td>
        <td colspan="2">
          S1-TTL(Lab-12)<br>
          S2-WD(Lab-2)<br>
          S3-DSL(Lab-8)<br>
          S4-A00C(Lab-5)<br>
          S5-TPMS(Lab-11)<br>
          S6-TTL(Lab-10)
        </td>
        <td>A00C(L)</td>
        <td>MDM-II(L)</td>
        <td>Dept. Activity</td>
        <td>Dept. Activity</td>
      </tr>
      <tr>
        <td>Thursday</td>
        <td colspan="2">
          S1-TTL(Lab-10)<br>
          S2-TTL(Lab-12)<br>
          S3-WD(Lab-2)<br>
          S4-DSL(Lab-8)<br>
          S5-A00C(Lab-5)<br>
          S6-TPMS(Lab-11)
        </td>
        <td>A00C(L)</td>
        <td>DS(L)</td>
        <td>AT(L)</td>
        <td>OEC-II</td>
      </tr>

```

```

<tr>
  <td>Friday</td>
  <td colspan="2">
    S1-TPMS(Lab-11)<br>
    S2-TTL(Lab-10)<br>
    S3-TTL(Lab-12)<br>
    S4-WD(Lab-2)<br>
    S5-DSL(Lab-8)<br>
    S6-AOOC(Lab-5)
  </td>
  <td colspan="2">
    S1-AOOC(Lab-5)<br>
    S2-TPMS(Lab-11)<br>
    S3-TTL(Lab-10)<br>
    S4-TTL(Lab-12)<br>
    S5-WD(Lab-2)<br>
    S6-DSL(Lab-8)
  </td>
  <td>TPMS(L)</td>
  <td>OEC-II</td>
</tr>

<tr>
  <td>Saturday</td>
  <td>LL</td>
  <td>LL</td>
  <td>LL(self)</td>
  <td>LL(self)</td>
  <td>Dept. Activity</td>
  <td>Dept. Activity</td>
</tr>
</table>
</center>
</body>

</html>

```

# HTML Frameset Tag

- In older HTML versions, <frameset> was used

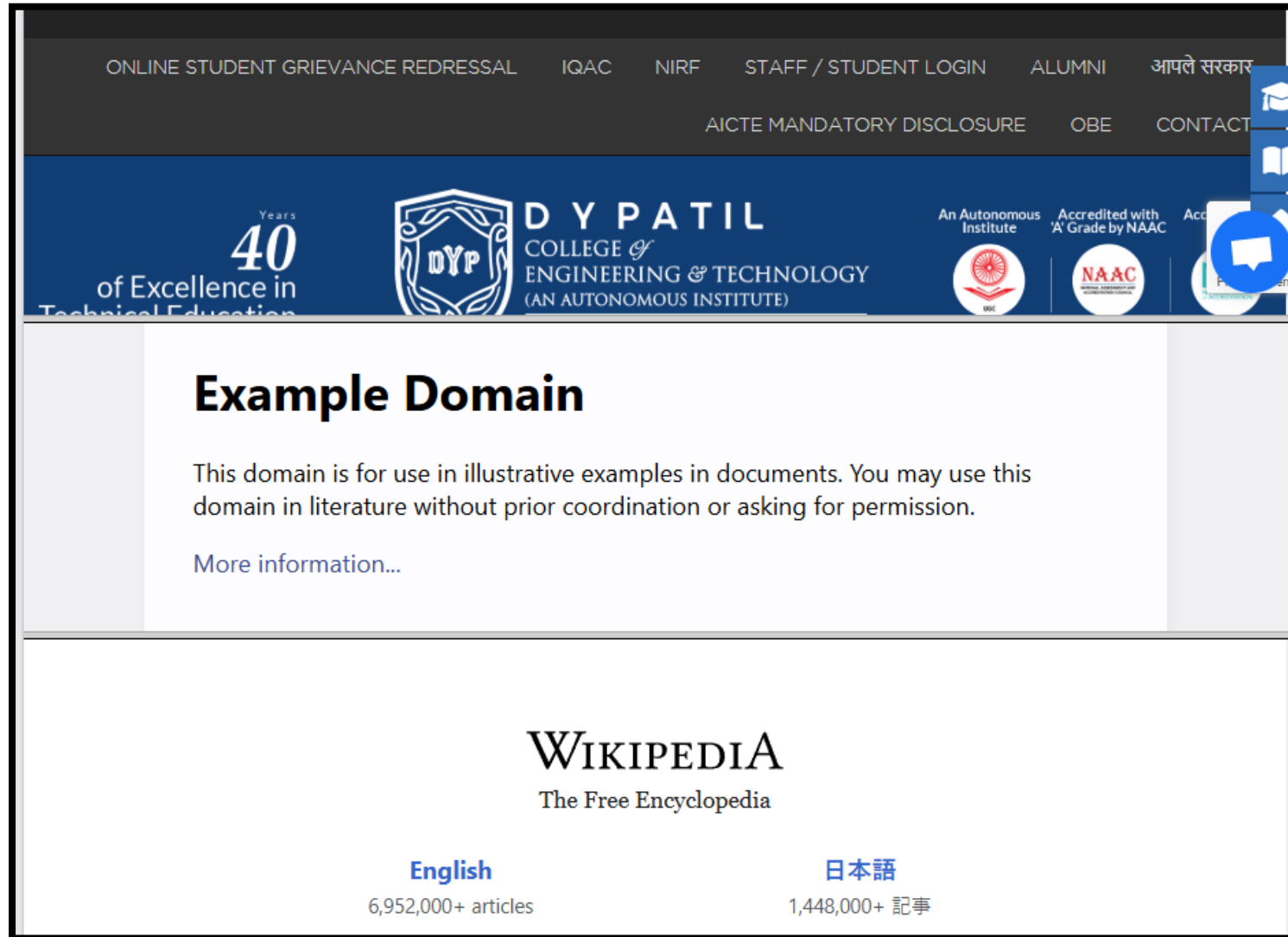
## Horizontal Frames

```
<!DOCTYPE html>
<html>
<head>
  <title>Three Horizontal Frames</title>
</head>
<frameset rows="33%, 33%, 34%">
  <frame src="https://coek.dypgroup.edu.in/">
  <frame src="https://www.example.com">
  <frame src="https://www.wikipedia.org">

</frameset>
</html>
```



# Horizontal Frame



# Using Iframe

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Multiple Iframes</title>
</head>
<body>

  <h2>Multiple Frames using Iframe</h2>

  <iframe src="https://coek.dypgroup.edu.in/" width="45%" height="300px"></iframe>
  <iframe src="https://www.wikipedia.org" width="45%" height="300px"></iframe>

</body>
</html>
```

# Using Iframe

## Multiple Frames using Iframe



# Nested Frames

```
<!DOCTYPE html>
<html>
<head>
  <title>Nesting Frames Example</title>
</head>

<frameset rows="30%,70%">

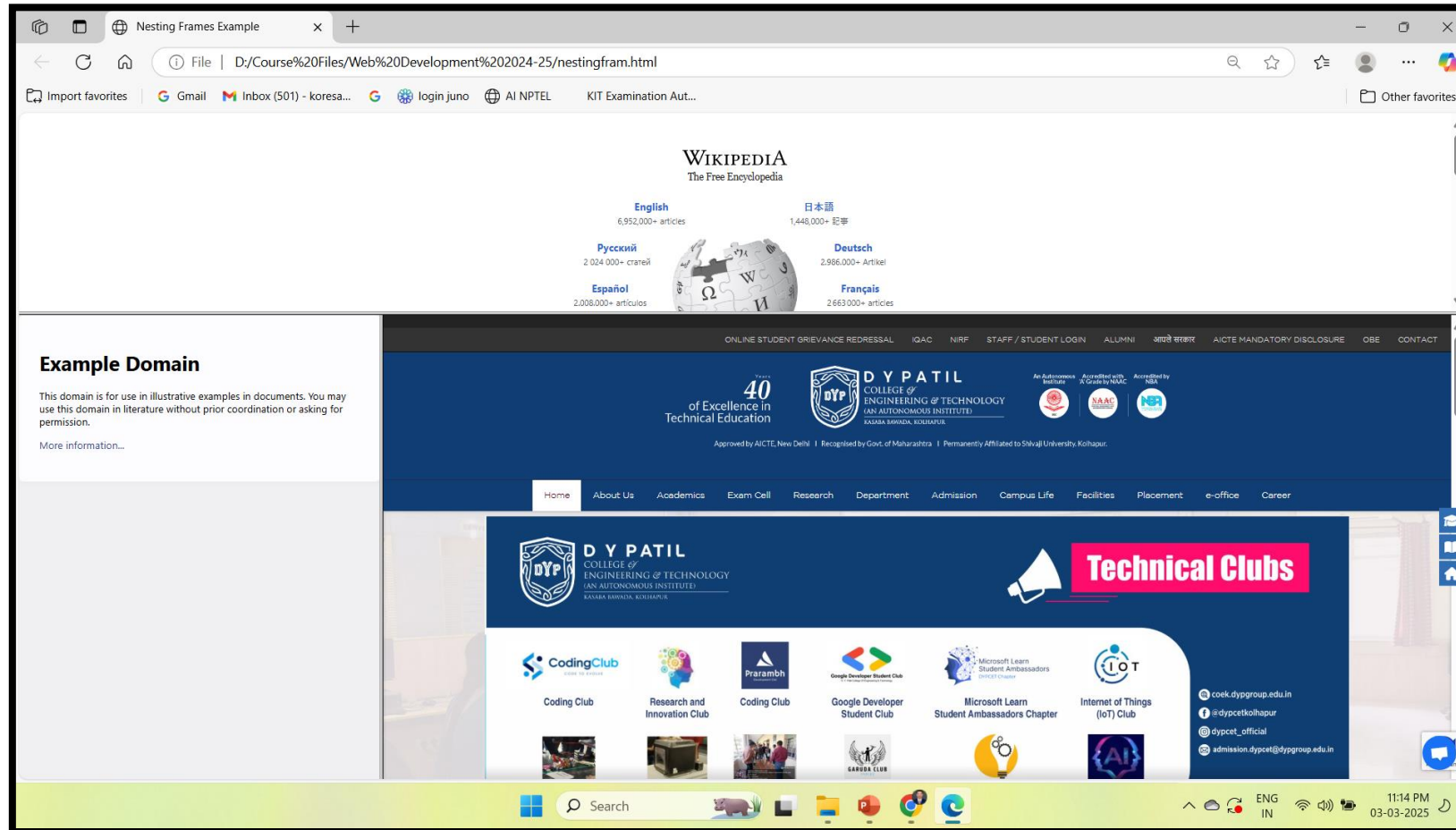
  <frame src="https://www.wikipedia.org" name="headerframe">

  <!-- Nested frameset for bottom part -->
  <frameset cols="25%,75%">

    <!-- Left frame for navigation/menu -->
    <frame src="https://www.example.com" noresize scrolling="no" name="menuframe">

    <!-- Right frame for main content -->
    <frame src="https://coek.dypgroup.edu.in/" name="contentframe" scrolling="auto">
  </frameset>
</frameset>
</html>
```

# Nested Frames



# Combination of Horizontal and Vertical Iframe

```
<html>
<head>
  <title>Table-based Frames</title>
</head>
<body>


<table border="1" width="100%" height="100%">
  <tr height="50%">
    <td width="50%"><iframe src="https://www.example.com" width="100%" height="100%"></iframe>
  </td>
    <td width="50%"><iframe src="https://www.wikipedia.org" width="100%" height="100%">
</iframe></td>
  </tr>
  <tr height="50%">
    <td colspan="2"><iframe src="https://coek.dypgroup.edu.in" width="100%" height="100%">
</iframe></td>
  </tr>
</table>

</body>
</html>
```

## Example Domain


This domain is for use in illustrative examples in documents. You may use this domain in literature without prior coordination or asking for permission.

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40  
Years  
of Excellence in  
Technical Education






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ENGINEERING & TECHNOLOGY  
(AN AUTONOMOUS INSTITUTE)  
KASABA BAWADA, KOLHAPUR.



An Autonomous  
Institute

Accredited with  
'A' Grade by NAAC

Accredit  
NB/



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# HTML Forms

The `<form>` element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc.

Type	Description
<code>&lt;input type="text"&gt;</code>	Displays a single-line text input field
<code>&lt;input type="radio"&gt;</code>	Displays a radio button (for selecting one of many choices)
<code>&lt;input type="checkbox"&gt;</code>	Displays a checkbox (for selecting zero or more of many choices)
<code>&lt;input type="submit"&gt;</code>	Displays a submit button (for submitting the form)
<code>&lt;input type="button"&gt;</code>	Displays a clickable button

# Text Fields

```
<!DOCTYPE html>
<html>
<body>

<h2>Text input fields</h2>

<form>
  <label for="fname">First name:</label><br>
  <input type="text" id="fname" name="fname" value="John"><br>
  <label for="lname">Last name:</label><br>
  <input type="text" id="lname" name="lname" value="Doe">
</form>

</body>
</html>
```

## Text input fields

First name:

Last name:



```
<form>
  <label for="name">Name:</label>
  <input type="text" name="name"><br><br>
  <label for="sex">Sex:</label>
  <input type="radio" name="sex" id="male" value="male">
  <label for="male">Male</label>
  <input type="radio" name="sex" id="female" value="female">
  <label for="female">Female</label> <br><br>
  <label for="country">Country: </label>
  <select name="country" id="country">
    <option>Select an option</option>
    <option value="nepal">Nepal</option>
    <option value="usa">USA</option>
    <option value="australia">Australia</option>
  </select><br><br>
  <label for="message">Message:</label><br>
  <textarea name="message" id="message" cols="30" rows="4"></textarea><br><br>
  <input type="checkbox" name="newsletter" id="newsletter">
  <label for="newsletter">Subscribe?</label><br><br>
  <input type="submit" value="Submit">
</form>
```

Name:

Sex: ☐ Male ☐ Female

Country:

Message:

☐ Subscribe?