1. How to comment HTML tags?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>JS Bin</title>

</head>

<body>

<p>HTML Tutorial</p>

<p>Python Tutorial</p>

<p>PHP Tutorial</p>

</body>

</html>

1. How to create a hyperlink?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to create a hyperlink</title>

</head>

<body>

<p><a href="https://www.example.com/">example.com</a><p>

</body>

</html>

1. How to author an abbreviation or an acronym?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to author an abbreviation or an acronymn</title>

</head>

<body>

<abbr title="Uniform Resource Locator">URL</abbr> stand for Uniform Resource Locator

</body>

</html>

1. What is the correct way to write address in an HTML document?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>What is the correct way to write address in a HTML document</title>

</head>

<body>

<address>

Address: 21,Ramkrishna Road<br>

Burdwan<br>

West Bengal.

</address>

</body>

</html>

1. Create an HTML document which uses article element?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Create an HTML document which uses article element</title>

</head>

<body>

<article>

<h1>Tutorial of HTML5 article element</h1>

<p>HTML5 article element represents independent item like a blog entry in an web document.</p>

</article>

</body>

</html>

1. Create an HTML document which uses aside element?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to create an HTML document which uses aside element</title>

</head>

<body>

<p> I visited the HTML5 tutorial </p>

<aside>

<h4>HTML5 tutorial</h4>

<p>I can develop excellent web applications with HTML5 and related APIs (like GeoLocation, Drag and Drop, WebSocket etc.)in HTML5 tutorial.</p>

</aside>

</body>

</html>

1. How to embed audio in a HTML document?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to add controls to an audio</title>

</head>

<body>

<audio controls>

<source src="https://www.example.com/html-css-exercise/basic/solution/beach.ogg" type="audio/ogg">

<source src="https://www.example.com/html-css-exercise/basic/solution/beach.mp3" type="audio/mpeg">

</audio>

</body>

</html>

1. How to write bold text using HTML tags?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to write bold text using HTML tags</title>

</head>

<body>

<p>"example" is normal text - and <b>"example"</b> is bold text.

</body>

</html>

1. How to specify the base URL/target for all relative URLs in a document?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to specifie the base URL/target for all relative URLs in a document</title>

<base href="https://www.example.com/">

</head>

<body>

<ul>

<li><a href="php/php-home.php">PHP Tutorial</a></li>

<li><a href="javascript/javascript.php">JavaScript Tutorial</a></li>

<li><a href="mysql/mysql-tutorials.php">MySQL Tutorial</a></li>

</body>

</html>

1. How to override the current text direction?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Example of bdo element</title>

</head>

<body>

<p dir="ltr" >This text is in left to right direction.</p>

<p dir="rtl"><span id="result\_box" lang="iw"><span title="">טקסט זה בשטחים השמאלי בכיוון הנכון</span></span></p>

</body>

</html>

1. How to define a section that is quoted from another source?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>html blockquote tag example</title>

</head>

<body>

<blockquote>Freedom is not worth having if it does not connote freedom to err. It passes my comprehension how human beings, be they ever so experienced and able, can delight in depriving other human beings of that precious right.</blockquote>

</body>

</html>

1. How to define the document's body?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to define the document's body</title>

</head>

<body>

We are learning HTML body element.

</body>

</html>

1. How to define a single line break?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to define a single line break</title>

</head>

<body>

<p>The quick brown fox jumps<br>over the lazy dog.</p>

</body>

</html>

1. How to define a clickable button?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to define a clickable button.</title>

</head>

<body>

<button type="button" onclick="console.log('Welcome Friends')">Click Me!</button>

</body>

</html>

1. How to draw graphics, on the fly, via scripting?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to use to draw graphics, on the fly, via scripting</title>

</head>

<body>

Canvas

<style>

#FirstCanvas{

width: 500px;

height: 300px;

border: 3px solid red;

background-color: blue;

}

</style>

<body>

<canvas id="FirstCanvas"></canvas>

</body>

</html>

1. How to define a table caption?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to define a table caption</title>

</head>

<body>

<table border="1">

<caption>First column holds Student code and second column holds percentage of marks obtained by the student</caption>

<tr>

<th>Student code </th>

<th>% of marks </th>

</tr>

<tr>

<td>S001</td>

<td>85</td>

</tr>

<tr>

<td>S002</td>

<td>86</td>

</tr>

<tr>

<td>S003</td>

<td>72</td>

</tr>

<tr>

<td>S004</td>

<td>89</td>

</tr>

</table

</body>

</html>

1. How to define the title of an HTML document?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to define the title of a work</title>

</head>

<body>

<p><q cite="https://www.example.com/html/HTML-tutorials.php">HTML, stands for Hyper Text Markup Language</q></p>

</body>

</html>

1. How to specify the column properties of each column within a colgroup element?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to specify the column properties of each column within a column group element</title>

</head>

<body>

<table class="table table-bordered">

<colgroup>

<col span="3" style="background-color:#cc66Ff">

<col style="background-color:#cc66Ff">

</colgroup>

<tr>

<th>COL-1</th>

<th>COL-2</th>

<th>COL-3</th>

</tr>

<tr>

<td>MySQL</td>

<td>PHP</td>

<td>SQL</td>

</tr>

<tr>

<td>MySQL Exercise</td>

<td>PHP Exercise</td>

<td>SQL Exercise</td>

</tr>

</table>

</body>

</html>

1. How to specify a list of pre-defined options for input controls?

<!doctype html>

<html>

<head>

<title>HTML5 datalist example</title>

</head>

<body>

<input list="Languages" />

<datalist id="Languages">

<option value="PHP">

<option value="ASP">

<option value="Python">

<option value="Ruby">

<option value="Java">

</datalist>

</body>

</html>

1. How to define a description/value of a term in a description list?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to define a description/value of a term in a description list</title>

</head>

<body>

<dl>

<dt>PHP</dt>

<dd>A server side scripting language.</dd> <dt>JavaScript</dt>

<dd>A client side scripting language.</dd> </dl>

</body>

</html>

1. How to define additional details that the user can view or hide?

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to define additional details that the user can view or hide</title>

</head>

<body>

<details>

<summary>PHP is a server side scripting language</summary>

<p>PHP is a general-purpose server-side scripting language originally designed for web development to produce dynamic web

pages. For this purpose, PHP code is embedded into the HTML source document and interpreted by a web server with a PHP

processor module, which generates the web page document.</p>

</details>

</body>

</html>

# CSS

1. Create a Navigation bar (with dropdown) with CSS

<!DOCTYPE HTML>

<html lang="en">

<head>

<meta charset=utf-8>

<title>HTML CSS exercise - create a simple navigaiton bar</title>

<style type="text/css">

nav {

display: block;

position: absolute;

top: 0;

width: 100%;

background-color: green;

}

li{

list-style-type: none;

display: inline;

margin-right: 20px;

font-size:25px

}

a:link {

color: #fff;

text-decoration: none;

}

a:hover {

color: orange;

text-decoration: none;

}

li > ul {

display: none

}

li:hover ul {display: block; position: absolute; left:200px;background-color:green;margin:0;}

li:hover ul li a:link{display: block;margin-left:-30px;}

</style>

</head>

<body>

<nav>

<ul>

<li><a href="#">Home</a></li>

<li><a href="#">About</a></li>

<li>

<a href="#">Products</a>

<ul>

<li><a href="#">Engineering</a></li>

<li><a href="#">Telecom</a></li>

<li><a href="#">Energy</a></li>

<li><a href="#">Finance</a></li>

<li><a href="#">Consultancy</a></li>

</ul>

</li>

<li><a href="#">Services</a></li>

<li><a href="#">Contact</a></li>

</ul>

</nav>

</body>

</html>

2.Create a CSS Grid

<!DOCTYPE HTML>

<html lang="en">

<head>

<meta charset=utf-8>

<title>HTML CSS exercise - create a CSS Grid</title>

<style type="text/css">

.container, .row {

width: 100%;

}

.row:before, .row:after {

display: table;

content: "";

}

.row:after {

clear: both;

}

.col1, .col2, .col3 {

float: left;

width:25.333333333%;

margin:1%;

padding:1%;

}

</style>

</head>

<body>

<div class="container">

<div class="row">

<div class="col1">

<p>Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.</p>

</div>

<div class="col2">

<p>Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.</p>

</div>

<div class="col3">

<p>Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.</p>

</div>

</div>

<div class="row">

<div class="col1">

<p>Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.</p>

</div>

<div class="col2">

<p>Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.</p>

</div>

<div class="col3">

<p>Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.</p>

</div>

</div>

</div>

</body>

</html>

3.Create a CSS3 based button

<!doctype html>

<html>

<head>

<title>HTML CSS Exercise - create button with CSS3</title>

<style>

button {

width: 200px;

padding:8px;

background-color: #428bca;

border-color: #357ebd;

color: #fff;

-moz-border-radius: 10px;

-webkit-border-radius: 10px;

border-radius: 10px; /\* future proofing \*/

-khtml-border-radius: 10px; /\* for old Konqueror browsers \*/

text-align: center;

vertical-align: middle;

border: 1px solid transparent;

font-weight: 900;

font-size:125%

}

</style>

<title>Untitled Document</title>

</head>

<body>

<button>Subscribe Now</button>

</body>

</html>

4. Style first letter and first line

<!doctype html>

<html>

<head>

<title>HTML CSS Exercise - Style first letter and first line</title>

<style type="text/css">

.container{

width:500px;

}

p::first-letter{

color: #4b6c9c;

font-weight:bold;

font-size:150%

}

p::first-line{

color: #5ac4ed;

}

</style>

</head>

<body>

<div class="container">

<p>In 1986 the Defense Advanced Research Projects Agency (DARPA), the Army Research Office (ARO), the National Science Foundation (NSF), and ESL, Inc sponsored Berkeley POSTGRES Project which was led by Michael Stonebraker.</p>

</div>

</body>

</html>