**Develop your own web page basics.html with all the following html tags**

**Html, head, title, body**

**Heading, Paragraph, Italic, Bold, Anchor, Unordered List, List Item, label,**

**Blockquote, Horizontal rule, Image, Division, Span**

<html>

<body>

<h1>Hello World</h1>

<p>First, we need to learn some basic HTML.</p>

<p style="font-style: italic;">Learning website</p>

<p style="font-weight: bold;">Simply Easy Learning</p>

<a href="#YourAnchor">blabla</a>

<ul>

<li>Coffee</li>

<li>Tea</li>

<li>Milk</li>

</ul>

<ol>

<li>Coffee</li>

<li>Tea</li>

<li>Milk</li>

</ol>

<form action="/action\_page.php">

<label for="male">Male</label>

<input type="radio" name="gender" id="male" value="male"><br>

<label for="female">Female</label>

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

<label for="other">Other</label>

<input type="radio" name="gender" id="other" value="other"><br><br>

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

</form>

<blockquote cite="http://www.worldwildlife.org/who/index.html">

For 50 years, WWF has been protecting the future of nature. The world's leading conservation organization, WWF works in 100 countries and is supported by 1.2 million members in the United States and close to 5 million globally.

</blockquote>

<p>There is a horizontal rule below this paragraph.</p>

<hr>

<p>This is a horizontal rule above this paragraph.</p>

<h2>HTML Image</h2>

<img src="pic\_trulli.jpg" alt="Trulli" width="500" height="333">

<style>

.myDiv {

border: 5px outset red;

background-color: lightblue;

text-align: center;

}

</style>

<div class="myDiv">

<h2>This is a heading in a div element</h2>

<p>This is some text in a div element.</p>

</div>

<p>My mother has <span style="color:blue;font-weight:bold">blue</span> eyes and my father has <span style="color:darkolivegreen;font-weight:bold">dark green</span> eyes.</p>

</body>

</html>

**Output**

**Hello World**

First, we need to learn some basic HTML.

*Learning website*

**Simply Easy Learning**

[blabla](https://www.onlinegdb.com/webprj/oV9pz7cG-/index.html#YourAnchor)

* Coffee
* Tea
* Milk

1. Coffee
2. Tea
3. Milk

Top of Form

Male   
Female   
Other   
  


Bottom of Form

For 50 years, WWF has been protecting the future of nature. The world's leading conservation organization, WWF works in 100 countries and is supported by 1.2 million members in the United States and close to 5 million globally.

There is a horizontal rule below this paragraph.

This is a horizontal rule above this paragraph.

**HTML Image**

**This is a heading in a div element**

This is some text in a div element.

My mother has **blue** eyes and my father has **dark green** eyes.

**2. Navigate within the page to a different section**

<html>

<head>

<title>Home page</title>

</head>

<body>

<a name="topsection"></a>

<p>Top section</p>

<p><a href="#middlesection">Goto middle section</a></p>

<p><a href="#bottomsection">Goto bottom section</a></p>

<br/>

<br/>

<br/>

<br/>

<br/>

<a name="middlesection"></a>

<p>Middle section</p>

<p><a href="#topsection">Goto top section</a></p>

<br/>

<br/>

<br/>

<br/>

<br/>

<a name="bottomsection"></a>

<p>bottom section</p>

<p><a href="#topsection">Goto top section</a></p>

<br/>

<br/>

<br/>

<br/>

<br/>

</body>

</html>

**Output**

Top section

[Goto middle section](https://www.onlinegdb.com/webprj/Ef_vaiMOi/index.html" \l "middlesection)

[Goto bottom section](https://www.onlinegdb.com/webprj/Ef_vaiMOi/index.html#bottomsection)

Middle section

[Goto top section](https://www.onlinegdb.com/webprj/Ef_vaiMOi/index.html#topsection)

bottom section

[Goto top section](https://www.onlinegdb.com/webprj/Ef_vaiMOi/index.html#topsection)

**3.Use pseudo classes and elements into your webpage**

**Pseudo-classes**

<!DOCTYPE html>

<html>

<head>

<style>

/\* unvisited link \*/

a:link {

color: red;

}

/\* visited link \*/

a:visited {

color: green;

}

/\* mouse over link \*/

a:hover {

color: hotpink;

}

/\* selected link \*/

a:active {

color: blue;

}

</style>

</head>

<body>

<h2>CSS Links</h2>

<p><b><a href="default.asp" target="\_blank">This is a link</a></b></p>

<p><b>Note:</b> a:hover MUST come after a:link and a:visited in the CSS definition in order to be effective.</p>

<p><b>Note:</b> a:active MUST come after a:hover in the CSS definition in order to be effective.</p>

</body>

</html>

**Output**

## CSS Links

[**This is a link**](https://www.w3schools.com/css/default.asp)

**Note:** a:hover MUST come after a:link and a:visited in the CSS definition in order to be effective.

**Note:** a:active MUST come after a:hover in the CSS definition in order to be effective.

**Pseudo-elements**

<!DOCTYPE html>

<html>

<head>

<style>

p::first-letter {

color: #ff0000;

font-size: xx-large;

}

</style>

</head>

<body>

<p>You can use the ::first-letter pseudo-element to add a special effect to the first character of a text!</p>

</body>

</html>

**Output**

You can use the ::first-letter pseudo-element to add a special effect to the first character of a text!

<!DOCTYPE html>

<html>

<head>

<style>

p::first-letter {

color: #ff0000;

font-size: xx-large;

}

p::first-line {

color: #0000ff;

font-variant: small-caps;

}

</style>

</head>

<body>

<p>You can combine the ::first-letter and ::first-line pseudo-elements to add a special effect to the first letter and the first line of a text!</p>

</body>

</html>

**Output**

You can combine the ::first-letter and ::first-line pseudo-elements to add a special effect to the first letter and the first line of a text!

**1. Design the web page using all the below input attributes**

**type =text, password, submit, reset, radio, checkbox, button,**

<html>

<body>

<form>

<label for="username">Username:</label>

<input type="text" name="username" id="username">

</form>

<form>

<label for="user-pwd">Password:</label>

<input type="password" name="user-password" id="user-pwd">

</form>

<form action="action.php" method="post">

<label for="first-name">First Name:</label>

<input type="text" name="first-name" id="first-name">

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

<input type="reset" value="Reset">

</form>

<form>

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

<label for="male">Male</label>

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

<label for="female">Female</label>

</form>

<form>

<input type="checkbox" name="sports" id="soccer">

<label for="soccer">Soccer</label>

<input type="checkbox" name="sports" id="cricket">

<label for="cricket">Cricket</label>

<input type="checkbox" name="sports" id="baseball">

<label for="baseball">Baseball</label>

</form>

</body>

</html>

**Output**

Top of Form

Username: 

Bottom of Form

Top of Form

Password: 

Bottom of Form

Top of Form

First Name:   

Bottom of Form

Top of Form

 Male  Female

Bottom of Form

Top of Form

 Soccer  Cricket  Baseball

Bottom of Form

**2. HTML5 input Types**

**type=number, range, color, date, file, time, month, week, email**

<html>

<body>

<form>

<label for="mynumber">Enter a Number:</label>

<input type="number" min="1" max="10" step="0.5" id="mynumber">

</form>

<form>

<label for="mynumber">Select a Number:</label>

<input type="range" min="1" max="10" step="0.5" id="mynumber">

</form>

<form>

<label for="mycolor">Select Color:</label>

<input type="color" value="#00ff00" id="mycolor">

</form>

<form>

<label for="mydate">Select Date:</label>

<input type="date" value="2019-04-15" id="mydate">

</form>

<form>

<label for="myfile">Select a file:</label>

<input type="file" id="myfile" name="myfile">

</form>

<form>

<label for="mytime">Select Time:</label>

<input type="time" id="mytime">

</form>

<form>

<label for="mymonth">Select Month:</label>

<input type="month" id="mymonth">

</form>

<form>

<label for="myweek">Select Week:</label>

<input type="week" id="myweek">

</form>

<form>

<label for="myemail">Enter Email Address:</label>

<input type="email" id="myemail" required>

</form>

</body>

</html>

**Output**

Top of Form

Enter a Number:

Bottom of Form

Top of Form

Select a Number:

Bottom of Form

Top of Form

Select Color:

Bottom of Form

Top of Form

Select Date:

Bottom of Form

Top of Form

Select a file:

Bottom of Form

Top of Form

Select Time:

Bottom of Form

Top of Form

Select Month:

Bottom of Form

Top of Form

Select Week:

Bottom of Form

Top of Form

Enter Email Address:

**3. Apply all of the below input restrictions**

**disabled, max, maxlength, min, readonly, required, size, value**

<!DOCTYPE html>

<html>

<body>

<h1>The input disabled attribute</h1>

<p>The disabled attribute specifies that an input field should be disabled (unusable and un-clickable):</p>

<form action="/action\_page.php">

<label for="fname">First name:</label><br>

<input type="text" id="fname" name="fname" value="John" disabled><br>

<label for="lname">Last name:</label><br>

<input type="text" id="lname" name="lname" value="Doe"><br><br>

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

</form>

</body>

</html>Bottom of Form

**Output**

**The input disabled attribute**

The disabled attribute specifies that an input field should be disabled (unusable and un-clickable):

Top of Form

First name:  
  
Last name:  
  
  


Bottom of Form

**maxlength**

<!DOCTYPE html>

<html>

<body>

<h1>The input maxlength attribute</h1>

<p>The maxlength attribute specifies the maximum number of characters allowed in an input field:</p>

<form action="/action\_page.php">

<label for="fname">First name:</label><br>

<input type="text" id="fname" name="fname" size="50"><br>

<label for="pin">PIN:</label><br>

<input type="text" id="pin" name="pin" maxlength="4" size="4"><br><br>

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

</form>

</body>

</html>

**Output**

**The input maxlength attribute**

The maxlength attribute specifies the maximum number of characters allowed in an input field:

Top of Form

First name:  
  
PIN:  
  
  


Bottom of Form

**min and max**

<!DOCTYPE html>

<html>

<body>

<h1>The input min and max attributes</h1>

<p>The min and max attributes specify the minimum and maximum values for an input element.</p>

<form action="/action\_page.php">

<label for="datemax">Enter a date before 1980-01-01:</label>

<input type="date" id="datemax" name="datemax" max="1979-12-31"><br><br>

<label for="datemin">Enter a date after 2000-01-01:</label>

<input type="date" id="datemin" name="datemin" min="2000-01-02"><br><br>

<label for="quantity">Quantity (between 1 and 5):</label>

<input type="number" id="quantity" name="quantity" min="1" max="5"><br><br>

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

</form>

</body>

</html>

**Output**

**The input min and max attributes**

The min and max attributes specify the minimum and maximum values for an input element.

Top of Form

Enter a date before 1980-01-01:   
  
Enter a date after 2000-01-01:   
  
Quantity (between 1 and 5):   
  


Bottom of Form

**readonly**

<!DOCTYPE html>

<html>

<body>

<h1>The input readonly attribute</h1>

<p>The readonly attribute specifies that an input field should be read-only (cannot be changed):</p>

<form action="/action\_page.php">

<label for="fname">First name:</label><br>

<input type="text" id="fname" name="fname" value="John" readonly><br>

<label for="lname">Last name:</label><br>

<input type="text" id="lname" name="lname" value="Doe"><br><br>

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

</form>

</body>

</html>

**Output**

**The input readonly attribute**

The readonly attribute specifies that an input field should be read-only (cannot be changed):

Top of Form

First name:  
  
Last name:  
  
  


Bottom of Form

**Size**

<!DOCTYPE html>

<html>

<body>

<h1>The input size attribute</h1>

<p>The size attribute specifies the width (in characters) of an input field:</p>

<form action="/action\_page.php">

<label for="fname">First name:</label><br>

<input type="text" id="fname" name="fname" size="50"><br>

<label for="pin">PIN:</label><br>

<input type="text" id="pin" name="pin" size="4"><br><br>

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

</form>

</body>

</html>

**Output**

**The input size attribute**

The size attribute specifies the width (in characters) of an input field:

Top of Form

First name:  
  
PIN:  
  
  


Bottom of Form

**Value**

<!DOCTYPE html>

<html>

<body>

<h1>The input value attribute</h1>

<p>The value attribute specifies an initial value for an input field:</p>

<form action="/action\_page.php">

<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"><br><br>

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

</form>

</body>

</html>

**Output**

**The input value attribute**

The value attribute specifies an initial value for an input field:

Top of Form

First name:  
  
Last name:  
  
  


Bottom of Form

**Develop a web page using target attribute.**

<!DOCTYPE html>

<html>

<body>

<h1>The a target attribute</h1>

<p>Open link in a new window or tab: <a href="https://www.w3schools.com" target="\_blank">Visit W3Schools!</a></p>

</body>

</html>

**Output**

# The a target attribute

Open link in a new window or tab: [Visit W3Schools!](https://www.w3schools.com/)

1. **Use I-frames and Marquee in your webpage.**

**I-frames**

<!DOCTYPE html>

<html>

<body>

<h1>The iframe element</h1>

<iframe src="https://www.w3schools.com" title="W3Schools Free Online Web Tutorials">

</iframe>

</body>

</html>

**Output**

**The iframe element**

**Marquee**

<!DOCTYPE html>

<html>

<head>

<title>HTML marquee Tag</title>

</head>

<body>

<marquee>This is basic example of marquee</marquee>

</body>

</html>

**Output**

This is basic example of marquee

**1. Develop a web page with non-semantic elements <div> and <span>**

<!DOCTYPE html>

<html>

<head>

<title>my web page</title>

<style type="text/css">

span{

color: green;

font-size: 40px ;

font-weight: bold;

}

</style>

</head>

<body>

<div>

<span>GeeksForGeeks</span> <br>

A computer science portal for geeks

</div>

</body>

</html>

**Output:**

**GeeksForGeeks**  
A computer science portal for geeks

**2. Develop a web page with the semantic elements <form>, <table> and <article>**

**<form>**

<!DOCTYPE html>

<html>

<head>

<title>Form in HTML</title>

</head>

<body>

<form>

Enter your address:<br>

<textarea rows="2" cols="20"></textarea>

</form>

</body>

</html>

**Output**

Enter your address:  


**<table>**

<!DOCTYPE html>

<html>

<body>

<table style="width:100%">

<tr>

<td>Jill</td>

<td>Smith</td>

<td>50</td>

</tr>

<tr>

<td>Eve</td>

<td>Jackson</td>

<td>94</td>

</tr>

<tr>

<td>John</td>

<td>Doe</td>

<td>80</td>

</tr>

</table>

</body>

</html>

**Output**

|  |  |  |
| --- | --- | --- |
| Jill | Smith | 50 |
| Eve | Jackson | 94 |
| John | Doe | 80 |

**<article>**

<!DOCTYPE html>

<html>

<body>

<h1>The article element</h1>

<article>

<h2>Google Chrome</h2>

<p>Google Chrome is a web browser developed by Google, released in 2008. Chrome is the world's most popular web browser today!</p>

</article>

<article>

<h2>Mozilla Firefox</h2>

<p>Mozilla Firefox is an open-source web browser developed by Mozilla. Firefox has been the second most popular web browser since January, 2018.</p>

</article>

<article>

<h2>Microsoft Edge</h2>

<p>Microsoft Edge is a web browser developed by Microsoft, released in 2015. Microsoft Edge replaced Internet Explorer.</p>

</article>

</body>

</html>

**Output**

**The article element**

**Google Chrome**

Google Chrome is a web browser developed by Google, released in 2008. Chrome is the world's most popular web browser today!

**Mozilla Firefox**

Mozilla Firefox is an open-source web browser developed by Mozilla. Firefox has been the second most popular web browser since January, 2018.

**Microsoft Edge**

Microsoft Edge is a web browser developed by Microsoft, released in 2015. Microsoft Edge replaced Internet Explorer.

**3. Use all the HTML5 tags and develop a web page**

**article, aside, figcaption, figure,footer,header, hgroup,mark,nav, section,time**

**article**

<html>

<body>

<!DOCTYPE html>

<html>

<body>

<article

style="

width: 300px;

border: 2px solid gray;

padding: 10px;

border-radius: 10px;

margin: 5px;

"

>

<img

src=

"https://media.geeksforgeeks.org/wp-content/cdn-uploads/20190710102234/download3.png"

alt=""

width="300"

height="250"

class="alignnone size-medium wp-image-560930"

/>

<h1>GeeksforGeeks</h1>

<p>

Sandeep Jain(FOUNDER) An IIT Roorkee alumnus and

founder of GeeksforGeeks. Apart from GeeksforGeeks,

he has worked with DE Shaw and Co. as a software

developer and JIIT Noida as an assistant professor.

</p>

</article>

</body>

</html>

</body>

</html>

Output



**GeeksforGeeks**

Sandeep Jain(FOUNDER) An IIT Roorkee alumnus and founder of GeeksforGeeks. Apart from GeeksforGeeks, he has worked with DE Shaw and Co. as a software developer and JIIT Noida as an assistant professor.

**Aside**

<html>

<head>

<style>

article {

width: 50%;

padding: 10px;

float: left;

}

aside {

width: 40%;

float: right;

background-color: green;

color: white;

padding: 5px;

margin: 10px;

height: 100px;

}

</style>

</head>

<body>

<h1>GeeksforGeeks</h1>

<article>

<h1>Heading . . .</h1>

<p>

Aside tag is use to display important

information about the primary page.

</p>

</article>

<aside>

<h1>Aside tag example</h1>

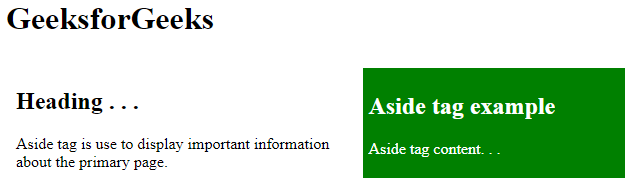
<p>Aside tag content. . .</p>

</aside>

</body>

</html>

Output



**Figcaption**

<!DOCTYPE html>

<html>

<head>

<title>figcaption tag</title>

<style>

body {

text-align:center;

}

h1 {

color:green;

}

</style>

</head>

<body>

<h1>WEB PAGE</h1>

<h2><figcaption> Tag</h2>

<figure>

<img src=

"https://media.geeksforgeeks.org/wp-content/uploads/geeks-25.png"

alt="gfglogo" style="width:50%">

<figcaption>HTML 5</figcaption>

</figure>

</body>

</html>

**Output**

**WEB PAGE**

**Tag**

HTML 5

**Figure**

<figure>

<img src="https://en.wikipedia.org/wiki/File:Shadow\_of\_Mordor\_cover\_art.jpg" alt="Shadow of Mordor" />

<figcaption>Cover art for Middle-earth: Shadow of Mordor</figcaption>

</figure>

**Output**

Cover art for Middle-earth: Shadow of Mordor

**header**

<header>

<h1>Company A</h1>

<ul>

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

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

<li><a href="/contact">Contact us</a></li>

</ul>

<form target="/search">

<input name="q" type="search" />

<input type="submit" />

</form>

</header>

**Output**

# Company A

* [Home](https://www.onlinegdb.com/home)
* [About](https://www.onlinegdb.com/about)
* [Contact us](https://www.onlinegdb.com/contact)

Top of Form



Bottom of Form

**Footer**

<footer>&copy;Company A</footer>

**Output**

©Company A

**Hgroup**

<hgroup>

<h1>Heading 1</h1>

<h2>Subheading 1</h2>

<h2>Subheading 2</h2>

</hgroup>

**Output**

**Heading 1**

**Subheading 1**

**Subheading 2**

**Mark**

<!DOCTYPE HTML>

<html>

<body>

The mark tag was introduced in HTML 5.

<mark style="background-color:yellow;">The HTML mark tag is used for indicating text as marked or highlighted</mark> for reference purposes,

due to its relevance in another context. The mark tag is supported in all major browsers. Use the

<mark> tag if you want to highlight parts of your text.

HTML tags can contain one or more attributes. Attributes are added to a tag to provide the browser with more information about how the tag should appear or behave.

<mark style="background-color:yellow;">Attributes consist of a name and a value separated by an equals (=) sign,</mark> with the value surrounded by double quotes.

</body>

</html>

**Output**

The mark tag was introduced in HTML 5. The HTML mark tag is used for indicating text as marked or highlighted for reference purposes, due to its relevance in another context. The mark tag is supported in all major browsers. Use the tag if you want to highlight parts of your text. HTML tags can contain one or more attributes. Attributes are added to a tag to provide the browser with more information about how the tag should appear or behave. Attributes consist of a name and a value separated by an equals (=) sign, with the value surrounded by double quotes.

**Nav**

<nav>

<ul>

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

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

<li><a href="/contact">Contact us</a></li>

</ul>

</nav>

**Output**

* [Home](https://www.onlinegdb.com/home)
* [About](https://www.onlinegdb.com/about)
* [Contact us](https://www.onlinegdb.com/contact)

**Section**

<section>

<p>Top Stories</p>

<section>

<p>News</p>

<article>Story 1</article>

<article>Story 2</article>

<article>Story 3</article>

</section>

<section>

<p>Sport</p>

<article>Story 1</article>

<article>Story 2</article>

<article>Story 3</article>

</section>

</section>

**Output**

Top Stories

News

Story 1

Story 2

Story 3

Sport

Story 1

Story 2

Story 3

**Time**

<time datetime="2017-10-31T11:21:00+02:00">Tuesday, 31 October 2017</time>

**Output**

Tuesday, 31 October 2017