# SAMPLE CODE SEGMENTS

1. Code in document in HTML.

<!DOCTYPE html>

<html>

<body>

<h1>My First Heading.</h1>

<p>This is paragraph.</p>

</body>

</html>

OUTPUT :-

# My First Heading

My first paragraph.

1. Code in heading in HTML.

<!DOCTYPE html>

<html>

<body>

<h1>This is heading 1</h1>

<h2>This is heading 2</h2>

<h3>This is heading 3</h3>

<h4>This is heading 4</h4>

<h5>This is heading 5</h5>

<h6>This is heading 6</h6>

</body>

</html>

OUTPUT :-

# This is heading 1

## This is heading 2

### This is heading 3

#### This is heading 4

##### This is heading 5

###### This is heading 6

1. Code in paragraph in HTML.

<!DOCTYPE html>

<html>

<body>

<p>This is a paragraph.</p>

<p>This is another paragraph.</p>

</body>

</html>

OUTPUT : -

This is a paragraph.

This is another paragraph.

1. Code in links in HTML.

<!DOCTYPE html>

<html>

<body>

<h2>HTML Links</h2>

<p>HTML links are defined with the a tag:</p>

<a href="https://www.w3schools.com">This is a link</a>

</body>

</html>

OUTPUT : -

## HTML Links

HTML links are defined with the a tag:

[This is a link](https://www.w3schools.com/)

1. Code in images in HTML.

<!DOCTYPE html>

<html>

<body>

<h2>HTML Images</h2>

<p>HTML images are defined with the img tag:</p>

<img src="w3schools.jpg" alt="W3Schools.com" width="104"

height="142">

</body>

</html>

OUTPUT : -

## HTML Images

HTML images are defined with the img tag:

## W3Schools.com

1. Code in syntax in CSS.

body {

background-color: lightblue;

}

h1 {

color: white;

text-align: center;

}

p {

font-family: verdana;

font-size: 20px;

}

OUTPUT : -

# My First CSS Example

This is a paragraph.

1. Code in element selector in HTML & CSS.

<!DOCTYPE html>

<html>

<head>

<style>

p {

text-align: center;

color: red;

}

</style>

</head>

<body>

<p>Every paragraph will be affected by the style.</p>

<p id="para1">Me too!</p>

<p>And me!</p>

</body>

</html>

OUTPUT : -

Every paragraph will be affected by the style.

Me too!

And me!

1. Code in id selector in CSS.

<!DOCTYPE html>

<html>

<head>

<style>

#para1 {

text-align: center;

color: red;

}

</style>

</head>

<body>

<p id="para1">Hello World!</p>

<p>This paragraph is not affected by the style.</p>

</body>

</html>

OUTPUT : -

Hello World!

This paragraph is not affected by the style.

1. Code in class selector in HTML & CSS.

<!DOCTYPE html>

<html>

<head>

<style>

.center {

text-align: center;

color: red;

}

</style>

</head>

<body>

<h1 class="center">Red and center-aligned heading</h1>

<p class="center">Red and center-aligned paragraph.</p>

</body>

</html>

OUTPUT : -

# Red and center-aligned heading

Red and center-aligned paragraph.

1. Code in comments in CSS.

body {

background-color: lightblue;

}

/\* This is a single-line comment \*/

h1 {

color: white;

text-align: center;

}

/\* This is

a multi-line

comment \*/

p {

font-family: verdana;

font-size: 20px;

}

OUTPUT : -

# My First CSS Example

This is a paragraph.

1. Code in statements in HTML & JS.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

<p>A <b>JavaScript program</b> is a list of <b>statements</b> to be

executed by a computer.</p>

<p id="demo"></p>

<script>

var x, y, z; // Declare 3 variables

x = 5; // Assign the value 5 to x

y = 6; // Assign the value 6 to y

z = x + y; // Assign the sum of x and y to z

document.getElementById("demo").innerHTML =

"The value of z is " + z + ".";

</script>

</body>

</html>

OUTPUT :-

## JavaScript Statements

A **JavaScript program** is a list of **statements** to be executed

by a computer.

The value of z is 11.

1. Code in numbers in HTML & JS .

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Numbers</h2>

<p>Number can be written with or without decimals.</p>

<p id="demo"></p>

<script>

document.getElementById("demo").innerHTML = 10.50;

</script>

</body>

</html>

OUTPUT :-

## JavaScript Numbers

Number can be written with or without decimals.

10.5

1. Code in strings in HTML & JS .

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Strings</h2>

<p>Strings can be written with double or single quotes.</p>

<p id="demo"></p>

<script>

document.getElementById("demo").innerHTML = 'John Doe';

</script>

</body>

</html>

OUTPUT :-

## JavaScript Strings

Strings can be written with double or single quotes.

John Doe

1. Code in variable in HTML & JS.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Variables</h2>

<p>In this example, x is defined as a variable.

Then, x is assigned the value of 6:</p>

<p id="demo"></p>

<script>

var x;

x = 6;

document.getElementById("demo").innerHTML = x;

</script>

</body>

</html>

OUTPUT :-

## JavaScript Variables

In this example, x is defined as a variable. Then, x is assigned the value of 6:

6

1. Code in opertors in HTML & JS.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Operators</h2>

<p>JavaScript uses arithmetic operators to compute values (just like

algebra).</p>

<p id="demo"></p>

<script>

document.getElementById("demo").innerHTML = (5 + 6) \* 10;

</script>

</body>

</html>

OUTPUT :-

## JavaScript Operators

JavaScript uses arithmetic operators to compute values (just like algebra).

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