CSS definition

2- link with HTML file:

أماكن كتابة ال

CSS:

1- in external file with extension(.css)

في ملف خارجي يكون امتداده .css

ثم نربط بينه وبين ال

HTML by the link:

<link rel="stylesheet" href="style.css">

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2- المكان الثاني في داخل وسم <head>

<style> نكتب هنا الاكواد </style>

Example:

<style>

        h1{

*color*:red;

        }

    </style>

3- المكان الثالث: داخل العنصر نفسه

مثال:

<h1 style="color:green;">Welcome to CSS</h1>

ملاحظة مهمة:

التنسيق الموجود داخل العنصر هو الذي يظهر ويطغى على باقي التنسيقات في وسم:

<head> and style.css

3- h1

{

*color*: rgb(45, 221, 26);

*font-size*: 15px;

}

p{

*color*:rgb(219, 121, 16);

*font-size*: 55px;

*font-weight*: 900;

*font-family*: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

}

body

{

*background-color*:aliceblue;

*background-image*:url("background.jpg");

}

4-اختيار العناصر Selection:

1. class and id

We use : class if we want to format a specific html tag :

e.g: many <h1> and you need to change one of them. Put the css code inside the tag <h1 class=mk>

you can repeat the same class for many elements at the same time.

. for class

.mk

{

*background-color*: rgb(157, 127, 255);

*font-size*: 50px;

*font-family*: 'Times New Roman', Times, serif;

}

# for id”

The same like the class except in the css file you write # befor the id.

لها استخدامات أخرى مثل عمل رابط

#sl

{

*background-color*: blanchedalmond;

*font-size*: 30px;

*font-family*: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;

}

3- By using

Div space p{color:red;}

div p{

*color*:blueviolet;

}

4- Input:

<input type="text" value="Name">

    <input type="email" value="email">

    <br>

    <input type="submit">

By any attribute. E.g: type or value

input[type="text"]

{

*background*:black;

*color*:White;

}

input[value="email"]{

*background*: rebeccapurple;

}

input[type="submit"]{

*background*: greenyellow;

}

5- Border:

<div class="x">

  </div>

.x{

*width*: 100px;

*height*:100px;

*background*:orange;

}

Adding borders:

.x{

*width*: 100px;

*height*:100px;

*background*:orange;

*border-width*: 5px;

*border-color*:blueviolet;

*border-style*:solid;

}

Another way; in one line: لايهم الترتيب المهم 3 متطلبات: لون حجم نوع

.x{

*width*: 100px;

*height*:100px;

*background*:orange;

*border*: 10px red double;

}

6- Fonts:

<div>

<h1>Welcome to CSS</h1>

<p>How are you? <br> How are you? <br> How are you? <br> How are you? <br> How are you? <br> How are you? <br> How are you? <br> How are you? <br> How are you? <br> </p>

Fontawseomecdnj for icons

fonts.google.com

select a fon’t, click on it, select styles of the fon’t (add), click on import, make copy (without <style> and paste in css dile.

@import url('https://fonts.googleapis.com/css2?family=Raleway:ital,wght@0,100;0,300;0,400;1,100;1,500;1,600;1,700;1,900&display=swap');

In CSS file: write \*{ } which means we will apply to all elements in this page

Inside the brackets paste the don’t family of the selected font from fonts.google.com

: {font-family: 'Raleway', sans-serif;

Padding:0;

Margin:0;

Box-sizing:border-box

}

\*{

*padding*: 0;

*margin*:0;

*box-sizing*: border-box;

*scroll-behavior*: smooth;

}

  </div>

Div{

*color*:red;

}

h1{

*color*:green;

*font-family*: fantasy;

*font-size*: 20px;

*font-weight*: 900; lighter or bold or ......

}

p{

*line-height*:50px;

*letter-spacing*:20px;

}

p{

*text-align*: right;

*direction*:rtl;

}

Images as a background:

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="y">

    </div>

In CSS Sheet:

.y{

*height*:200px;

*width*:200px;

*border*: 5px solid green;

*background-color*: rgb(255,0,0); اعلى قيمة=255 ونغير في القيم الثلاثة

- or by using hexa

#000000 or #ff0000 or 00ff00

To make an image as a background:

*background-color*: #00ff00;

*background-image*: url("2.jpeg");at the same folder

*background-image*: url("/assets/3.jpeg"); at another folder

*background-size*: auto; لا يحدث تغيير لحجم الصورة

*background-size*: cover; height only and reduce the width.

*background-size*: contain; repeats the image in the remaining area.

*background-size*: 100px 100px;

*background-repeat*: no-repeat;

*background-repeat*: repeat-x;

*background-repeat*: repeat-y;

*background-attachment*: scroll;

*background-attachment*: fixed;

*background-position*: left top;

*background-position*: right top; center top; center center; center bottom;

*background-position*: 25px 0px;

*background-position*: 10% 30%;

}

Padding and Margin:

<div class="y">

    Mk Academy

  </div>

.y{

*border*: 5px solid green;

*padding-left*: 10px;  إزاحة داخل ال div

*padding*: 10px; في كل الاتجاهات

*padding*:top right bottom left --- clockwise

or 2 values e.g: 10px 10px;

**for top-bottom and right-left**

*margin*: 50px; **outside** shift for the div.

margin-left or top or …..

only margin accepts the negative values (e.g: -30px;)

*margin-left*: 25%;

*margin-right*: 25%;

at the middle whatever the browser size

or:

*width*: 50%;

*margin-left*: auto;

*margin-right*: auto;

or: margin: auto;

}

\*{

*padding*:0px;

*margin*:0px;

} to delete the default padding of the browser

Links style:

<a href="test.com">Test</a>

a{

*text-decoration*: none;

*text-decoration-line*: line-through;

*color*: chocolate;

*cursor*:copy;

}

a:hover{

*color*:aquamarine;

}

Display: block and online

 <div>Test1</div>

    <div>Test2</div>

    <div>Test3</div>

    <span>Home</span>

    <span>contact</span>

    <span>shop</span>

div{يقبل الطول والعرض

*margin*:50px;

*background-color*:green;

*display*:inline; **يعملها متجاورة**

*display*:inline-block; **متجاورة مع الاحتفاظ بخصائص الهوامش والطول والعرض**

}

<div class="div1">Test1</div>

span{لايقبل طول وعرض

Padding & margin for left and right only

Padding for top-right should be =0

*background-color*: aquamarine;

*display*:block; تحت بعضها

}

To hide any div

<div class="div1">Test1</div>

.div1{

*display*:none;

}

.div1{

    visibility:hidden; يختفي ويبقى مكانه موجود

}

Example:

\*{

*font-family*: 'Poppins', sans-serif;

*margin*: auto;

*padding*: 0;

*box-sizing*: border-box;

*scroll-behavior*: smooth;

}

<header>

    <a href="#" class="logo">Ayman</a>

  <nav class="navigation">

    <a href="#" class="services">services</a>

    <a href="#" class="Projects">Projects</a>

    <a href="#" class="contact">contact</a>

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

  </nav>

</header>

header {

*background-color*: rgb(236, 241, 233);

*width*: 100%;

*position*: fixed;

*z-index*: 999;

*display*: flex;

*justify-content*:space-between;

*align-items*: center;

*padding*: 10px 200px;

}

.logo{

*text-decoration*: none;

*color*:rgb(47, 15, 231);

*text-transform*: uppercase;

*font-weight*: 700;

*font-size*: 1.8em;

   }

.navigation a{

*color*: rebeccapurple;

*text-decoration*: none;

*font-size*: 1.1em;

*font-weight*: 500;

*padding-left*: 30px;

}

.navigation a:hover{

*color*: rgb(255, 0, 170);

}

Overflow:

<div>

    <h1>In the name of AllAh</h1>

    <h1>In the name of AllAh</h1>

    <h1>In the name of AllAh</h1>

    <h1>In the name of AllAh</h1>

    <h1>In the name of AllAh</h1>

    <h1>In the name of AllAh</h1>

    <h1>In the name of AllAh</h1>

    <h1>In the name of AllAh</h1>

    <h1>In the name of AllAh</h1>

</div>

div{

*height*:200px;

*width*:200px;

*background-color*: rgb(255, 0, 208);

*overflow*: hidden;

*overflow*: scroll;

*overflow*: auto;

}

Lists:

  <link rel="stylesheet" href="style.css">

</head>

<body>

    <ul>

        <li>Ahmad</li>

        <li>Ali</li>

        <li>Mohamad</li>

        <li>Omar</li>

    </ul>

ul{

*list-style-type*: square or circle or decimal to change to numerical or non or disc;

*list-style-position*: inside;

*list-style-image*: url(*2.jpeg*);

or:

*list-style*:all the above;

}

 <ul>

        <li class="x">Mohamad</li>

Float:

<div class="y">

    <div>Home</div>

    <div>pages</div>

    <div>Contact</div>

</div>

.y div{

*float*:left;

*width*:25%;

make the div outside the work flow so we use: display:

*display*:inline-block;

}

**Position:**

how to control the position of an element:

absolute

.n1{

*width*:30px;

*height*:30px;

*background-color*: rgb(196, 122, 11);

*position*:relative; يتحرك ومكانه محجوز كما هو

*top*:10px;

*position*:absolute; يتحرك بناء على الصفحة فمثلا

bottom:0; ينزل اسفل الصفحة right:0;

*top*:100px;

}

Stickey:

<p> Welcome to Css</p>

    <p> Welcome to Css</p>

    <p> Welcome to Css</p>

    <p> Welcome to Css</p>

    <p> Welcome to Css</p>

    <p> Welcome to Css</p>

    <p> Welcome to Css</p>

    <p> Welcome to Css</p>

    <p> Welcome to Css</p>

        <div class="n1">MK</div>

    <p> Welcome to Css</p>

    <p> Welcome to Css</p>

    <p> Welcome to Css</p>

    <p> Welcome to Css</p>

    <p> Welcome to Css</p>

.n1{

*width*:100px;

*height*:50px;

*background-color*: rgb(196, 122, 11);

*position*:sticky;

*top*:0px; or any value

}

**Pseudo elements:**

 <a href="https://fontawesome.com/">Icons</a>

    <a href="https://www.google.com/">Google</a>

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

    <br>

    <input class="z" type="checkbox">

a{

*color*:green;

*text-decoration*: none;

}

a:hover{

*color*:blueviolet;

}

a:visited{

*color*:blue;

}

.z:checked{

*opacity*:0;

}

 <input class="text" type="text">

.text:focus{

*outline*: none;

*border*: 2px green solid;

  }

Pseudo text:

<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Nam mollitia nesciunt error possimus? Fugiat delectus placeat ipsa nisi, perspiciatis, mollitia aspernatur accusantium ea at voluptate, ipsam vel a fugit beatae.</p>

p::first-letter{

*color*:red;

*font-size*:20px;

}

p::first-line{

*color*:blueviolet;

}

p::selection{

*background-color*: chartreuse;

*color*:white;

}

Or delete p to applay to the all site:

::selection{

*background-color*: chartreuse;

*color*:white;

}

After&Before:

<p>How are you?</p>

p{

*width*:70%;

*background*:green;

*padding*:10px;

}

p::after{

*content*:"Ahmed"

}

In html add empty paragraphes: يتم إضافة الكلمة في كل الفقرات حتى لو فارغة

<p></p>

   <p></p>

   <p></p>

   <p></p>

   <p></p>

The same if you use before

p::before{

*content*:"Ahmed ";

*color*:red;

}

To add shape:

To make vert. line

p{

*width*:70%;

*background*:rgb(42, 165, 124);

*position*:relative;

*padding*:10px;

}

p::before{

*content*:"";

*height*:100%;

*width*:5px;

*background*:red;

*position*:absolute;

*left*:0;

*top*:0;

}

To make horiz. Line

p::before{

*content*:"";

*height*:5px;

*width*: 100%;

*background*:red;

*position*:absolute;

*left*:0;

*top*:0;

}

Responsible Site: Media Query

<center>

    <div class="site">Resp</div>

   <div class="site">Site</div>

   </center>

\*{

*padding*:0;

*margin*:0;

}

.site{

*display*:inline-block;

*width*:30%;

*background*: green;

}