Name: Dhruv Patel

Subject: CSS & CSS-3 Assignment 2

1. What are the benefits of using CSS??

* Style and design Webpages
* Platform Independence
* Easy to find style of the code

2. What are the disadvantages of CSS?

* Limited Security
* Cross browser Issues
* Not centralised for all webpages all the web pages edited separately
* Extra Work for Developers

3. What is the difference between CSS2 and CSS3?

* In CSS 2 we can apply normal styling when CSS 3 We can apply better Styling
* CSS 2 can be use for Single device when css 3 can be use Multiple device
* In CSS 2 we can not apply Shadows when In CSS 3 we can applies Shadow
* CSS 2 only Web fonts can be used, CSS 3 Special Fonts can be used Such as Google Fonts,etc..
* CSS 2 does not support border-box property, CSS 3 Supports border-box property

4. Name a few CSS style components?

* color: sets the color of text.
* Border : set the border color and size
* background-color: sets the background color of an element.
* width: sets the width of an element.
* height: sets the height of an element.
* margin: sets the space outside of an element.

5. What do you understand by CSS opacity?

* div {  
    opacity: 0.5;  
  }
* It shows Transperancy of elements
* Opacity value is between 0 and 1
* When opacity value is near 1 it is dark and when opacity near 0 its transparent

6. How can the background color of an element be changed?

* background color of an element change with color property
* it help to change to any text background color
* h1 {
* text-align: center;
* font-size: xxx-large;
* color: white;
* }

7. How can image repetition of the backup be controlled?

* when any image size is smaller than div height then this image show one or more than one time at this level we can use no – repeat property to control image repeat
* background-repeat : no-repeat;
* background-repeat: repeat-x;
* background-repeat: repeat-y;
* background-repeat: round;
* background-repeat: space;
* background-repeat: unset;

8. What is the use of the background-position property?

Background – position is used for set the background image in proper range of div

this property align image or contant to the proper size using div size

backgroud-repeat : no repeat ;

* backgroud-position : top ;
* backgroud- position : bottom;
* backgroud- position : center ;
* backgroud- position : left ;
* backgroud- position : right ;
* backgroud- position : 50 px ;

9. Which property controls the image scroll in the background?

* In the Background-attatchment property we can use Fixed,Local,Scroll Cantrols are used in Image control background
* body {  
    background-image: url("img\_tree.gif");  
    background-repeat: no-repeat;  
    background-attachment: fixed;  
  }

10 Why should background and color be used as separate properties?

* Background use for body background color and color is use for give color of text
* Example
* <!DOCTYPE html>
* <html lang="en">
* <head>
* <meta charset="UTF-8">
* <meta http-equiv="X-UA-Compatible" content="IE=edge">
* <meta name="viewport" content="width=device-width, initial-scale=1.0">
* <title>Document</title>
* <style>
* div {
* height: 900px;
* width: 1100px;
* background-color: lightblue;
* border: 2px solid black;
* margin: auto;
* }
* .one {
* height: 700px;
* width: 900px;
* background-color: rgb(97, 97, 226);
* border-radius: 20px;
* margin: 30px 0 0 100px;
* }
* h1 {
* text-align: center;
* font-size: xxx-large;
* color: white;
* }
* h2 {
* text-align: center;
* font-size: 30px;
* color: white;
* }
* #a {
* color: white;
* font-size: 20px;
* margin: 40px 0 0 -625px;
* }
* #b {
* height: 40px;
* width: 700px;
* margin: 10px 0 0 65px;
* border-radius: 10px;
* }
* */\* #c{*
* *color: white;*
* *font-size: 20px;*
* *margin: 100px 0 0 70px;*
* *} \*/*
* .two {
* margin: 40px 0 0 -625px;
* font-size: 20px;
* }
* #c {
* margin: 40px 0 0 65px;
* }
* .th {
* font-size: 20px;
* color: white;
* }
* .fr {
* color: blue;
* text-decoration: none;
* font-size: 20px;
* margin-left: 430px;
* }
* .f {
* height: 40px;
* width: 700px;
* font-size: 20px;
* background-color: black;
* color: white;
* margin: 40px 0 0 65px;
* border-radius: 10px;
* }
* .m {
* font-size: 20px;
* color: white;
* margin: 50px 0 0 300px;
* }
* .q {
* color: blue;
* text-decoration: none;
* font-size: 20px;
* }
* </style>
* </head>
* <body>
* <div>
* <h1> Login Form Using HTML and CSS</h1>
* <div class="one">
* <h2> Sign in <br> Sign in with username and password </h2>
* <h2 id="a">Your User Name</h2> <br>
* <input type="text" name="" id="b" placeholder="Enter User Name"> <br>
* <h2 class="two">Your Password</h2>
* <input type="text" name="" id="b" placeholder="Enter Your Password"> <br>
* <input type="checkbox" name="" id="c">
* <label for="" class="th">Remember me</label>
* <label for=""> <a href="" class="fr"> <b> Forgot Password ?</b></a></label> <br>
* <button class="f">login</button>
* <h3 class="m">Not a Member ? <a href="" class="q"> Rgister Now !</a></h3>
* </div>
* </div>
* </body>
* </html>

11 How to maintain the CSS specifications?

If there are two or more CSS rules that point to the same element, the selector with the highest specificity value will "win", and its style declaration will be applied to that HTML element.

<html>  
<head>  
  <style>

p {color: red;}  
  </style>  
</head>  
<body>  
  
<p>Hello World!</p>  
  
</body>  
</html>

12. What are the ways to integrate CSS as a web page?

there are three ways to integrate css as a web page

1 . inline <div style = background color = “red”>hii</div>

* 2 . internal <style>         div {
* height: 900px;
* width: 1100px;
* background-color: lightblue;
* border: 2px solid black;
* margin: auto;
* }</style>
* 3. external         div {
* height: 900px;
* width: 1100px;
* background-color: lightblue;
* border: 2px solid black;
* margin: auto;
* }

13. What is embedded style sheets?

Embedded style sheets refer to when you embed style sheet information into an HTML document using the [<style>](https://www.quackit.com/html/tags/html_style_tag.cfm) element. You do this by embedding the style sheet information within [<style></style>](https://www.quackit.com/html/tags/html_style_tag.cfm) tags in the head of your document.

<style>

p {

font-family: georgia, serif;

font-size: x-small;

}

hr {

color: #ff9900;

height: 1px;

}

a:hover {

color: #ff0000;

text-decoration: none;

}

</style>

14. What are the external style sheets?

External style sheet

In this lesson, we will focus on external style sheets.

An external style sheet is a separate file with a .css extension with all CSS style definitions for the HTML page(s). You can reference this file in the <link> tag inside the <head> in the HTML, as shown here:

<html>

<head>

<title>My webpage</title>

<link rel='stylesheet' type='text/css' href='mystyles.css'>

</head>

15 What are the advantages and disadvantages of using external style sheets?

The advantages of External Style Sheets are:

- Using them, the styles of multiple documents can be controlled from one file.

- Classes can be created for use on multiple HTML element types in many documents.

- In complex situations, selector and grouping methods can be used to apply styles.

The disadvantages of External Style Sheets are:

- In order to import style information for each document, an extra download is needed.

- Until the external style sheet is loaded, it may not be possible to render the document.

- For small number of style definitions, it is not viable.

16 What is the meaning of the CSS selector?

In css there are five type of selector

1.group h1 , h2 , h3{}

2.single h1{}

3.universal \*{}

4. class .one{}

5.id #one{}

\*{

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

.main{

    height: 470px;

    width: 100%;

    background-image:radial-gradient(green , green);

}

#main{

    height: 470px;

    width: 100%;

    background-image:radial-gradient(green , green);

}

H1{

Color : white;

}

H1,h2{

Color : white;

}

17 What are the media types allowed by CSS?

320px — 480px: Mobile devices.

481px — 768px: iPads, Tablets.

769px — 1024px: Small screens, laptops.

1025px — 1200px: Desktops, large screens.

1201px and more — Extra large screens, TV

Media types is allowed by the css

width and height of the viewport

width and height of the device

orientation (is the tablet/phone in landscape or portrait mode?)

resolution

18 What is the rule set?

A rule or “rule set” is a statement that tells browsers how to render particular elements on an HTML page. A rule set consists of a selector followed by a declaration block.

19 How to center block elements using CSS1?

text-align: center;

Ex: <p style="text-align: center;">Lorem ipsum dolor sit amet consectetur adipisicing elit. Tempore a veniam, quos perspiciatis aut nihil dolorem minus option</p>

20 Create Layouts



Html code \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

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

</head>

<body>

*<!-- main div start  -->*

    <div class="main">

*<!-- main 1 div start  -->*

        <div class="main1">

*<!-- main one part one div start  -->*

            <div class="mm1">

*<!-- div start  -->*

                <div class="mmm1">

                    <div class="mmmm1">

                        <h2>Thumbnail</h2>

                    </div>

                    <div class="mmmm2">

                        Lorem ipsum dolor sit, amet consectetur adipisicing elit. Debitis quod impedit quae ullam. Fuga

                        explicabo numquam quasi magni, nulla error consectetur pariatur accusantium, hic aspernatur

                        suscipit? Beatae, fugit! Aut, nulla?

                        <br>

                        <button id="one">Viwe</button>

                        <button id="one">Edit</button>

                    </div>

                </div>

                <div class="mmm2">

                    <div class="mmmm3">

                        <h2>Thumbnail</h2>

                    </div>

                    <div class="mmmm4">

                        Lorem ipsum dolor sit, amet consectetur adipisicing elit. Debitis quod impedit quae ullam. Fuga

                        explicabo numquam quasi magni, nulla error consectetur pariatur accusantium, hic aspernatur

                        suscipit? Beatae, fugit! Aut, nulla?

                        <br>

                        <button id="one">Viwe</button>

                        <button id="one">Edit</button>

                    </div>

                </div>

                <div class="mmm3">

                    <div class="mmmm5">

                        <h2>Thumbnail</h2>

                    </div>

                    <div class="mmmm6">

                        Lorem ipsum dolor sit, amet consectetur adipisicing elit. Debitis quod impedit quae ullam. Fuga

                        explicabo numquam quasi magni, nulla error consectetur pariatur accusantium, hic aspernatur

                        suscipit? Beatae, fugit! Aut, nulla?

                        <br>

                        <button id="one">Viwe</button>

                        <button id="one">Edit</button>

                    </div>

                </div>

            </div>

*<!-- div end -->*

*<!-- div start -->*

            <div class="mm2">

                <div class="mmm4">

                    <div class="mmmm7">

                        <h2>Thumbnail</h2>

                    </div>

                    <div class="mmmm8">

                        Lorem ipsum dolor sit, amet consectetur adipisicing elit. Debitis quod impedit quae ullam. Fuga

                        explicabo numquam quasi magni, nulla error consectetur pariatur accusantium, hic aspernatur

                        suscipit? Beatae, fugit! Aut, nulla?

                        <br>

                        <button id="one">Viwe</button>

                        <button id="one">Edit</button>

                    </div>

                </div>

*<!-- div end  -->*

*<!-- div start  -->*

                <div class="mmm5">

                    <div class="mmmm9">

                        <h2>Thumbnail</h2>

                    </div>

                    <div class="mmmm10">

                        Lorem ipsum dolor sit, amet consectetur adipisicing elit. Debitis quod impedit quae ullam. Fuga

                        explicabo numquam quasi magni, nulla error consectetur pariatur accusantium, hic aspernatur

                        suscipit? Beatae, fugit! Aut, nulla?

                        <br>

                        <button id="one">Viwe</button>

                        <button id="one">Edit</button>

                    </div>

                </div>

*<!-- div end -->*

                <div class="mmm6">

                    <div class="mmmm11">

                        <h2>Thumbnail</h2>

                    </div>

                    <div class="mmmm12">

                        Lorem ipsum dolor sit, amet consectetur adipisicing elit. Debitis quod impedit quae ullam. Fuga

                        explicabo numquam quasi magni, nulla error consectetur pariatur accusantium, hic aspernatur

                        suscipit? Beatae, fugit! Aut, nulla?

                        <br>

                        <button id="one">Viwe</button>

                        <button id="one">Edit</button>

                    </div>

                </div>

            </div>

*<!-- main one part one div end  -->*

        </div>

*<!-- main one div end -->*

    </div>

*<!-- main div end  -->*

</body>

</html>

Css code\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\* {

    padding: 0;

    margin: 0;

    box-sizing: border-box;

}

.main {

    height: 100vh;

    width: 100%;

    background-color: gray;

}

.main1 {

    height: 600px;

    width: 1200px;

    background-color: blue;

    margin-left: 150px;

}

.mm1 {

    height: 320px;

    width: 1240px;

    background-color: cornsilk;

    display: flex;

}

.mm2 {

    height: 320px;

    width: 1240px;

    background-color: cornsilk;

    display: flex;

}

.mmm1 {

    height: 300px;

    width: 400px;

    background-color: blueviolet;

*/\* border: 2px solid black; \*/*

    margin-left: 10px;

}

.mmmm1 {

    height: 200px;

    width: 400px;

    background-color: darkslategray;

    box-shadow: 0 0 50px black;

}

h2 {

    padding-left: 130px;

    padding-top: 80px;

}

.mmmm2 {

    height: 100px;

    width: 400px;

    background-color: white;

    box-shadow: 0 0 50px black;

}

#one {

    margin: 5px;

    background-color: white;

}

.mmm2 {

    height: 300px;

    width: 400px;

    background-color: blueviolet;

*/\* border: 2px solid black; \*/*

    margin-left: 10px;

}

.mmmm3 {

    height: 200px;

    width: 400px;

    background-color: darkslategray;

    box-shadow: 0 0 50px black;

}

h2 {

    padding-left: 130px;

    padding-top: 80px;

}

.mmmm4 {

    height: 100px;

    width: 400px;

    background-color: white;

    box-shadow: 0 0 50px black;

}

#one {

    margin: 5px;

    background-color: white;

}

.mmm3 {

    height: 300px;

    width: 400px;

    background-color: blueviolet;

*/\* border: 2px solid black; \*/*

    margin-left: 10px;

}

.mmmm5 {

    height: 200px;

    width: 400px;

    background-color: darkslategray;

    box-shadow: 0 0 50px black;

}

h2 {

    padding-left: 130px;

    padding-top: 80px;

}

.mmmm6 {

    height: 100px;

    width: 400px;

    background-color: white;

    box-shadow: 0 0 50px black;

}

#one {

    margin: 5px;

    background-color: white;

}

.mmm4 {

    height: 300px;

    width: 400px;

    background-color: blueviolet;

*/\* border: 2px solid black; \*/*

    margin-left: 10px;

}

.mmmm7 {

    height: 200px;

    width: 400px;

    background-color: darkslategray;

    box-shadow: 0 0 50px black;

}

h2 {

    padding-left: 130px;

    padding-top: 80px;

}

.mmmm8 {

    height: 100px;

    width: 400px;

    background-color: white;

    box-shadow: 0 0 50px black;

}

#one {

    margin: 5px;

    background-color: white;

}

.mmm5 {

    height: 300px;

    width: 400px;

    background-color: blueviolet;

*/\* border: 2px solid black; \*/*

    margin-left: 10px;

}

.mmmm9 {

    height: 200px;

    width: 400px;

    background-color: darkslategray;

    box-shadow: 0 0 50px black;

}

h2 {

    padding-left: 130px;

    padding-top: 80px;

}

.mmmm10 {

    height: 100px;

    width: 400px;

    background-color: white;

    box-shadow: 0 0 50px black;

}

#one {

    margin: 5px;

    background-color: white;

}

.mmm6 {

    height: 300px;

    width: 400px;

    background-color: blueviolet;

*/\* border: 2px solid black; \*/*

    margin-left: 10px;

}

.mmmm11 {

    height: 200px;

    width: 400px;

    background-color: darkslategray;

    box-shadow: 0 0 50px black;

}

h2 {

    padding-left: 130px;

    padding-top: 80px;

}

.mmmm12 {

    height: 100px;

    width: 400px;

    background-color: white;

    box-shadow: 0 0 50px black;

}

#one {

    margin: 5px;

    background-color: white;

}