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Subject: CSS & CSS-3 Assignment 2

Faculty: Heet Modh

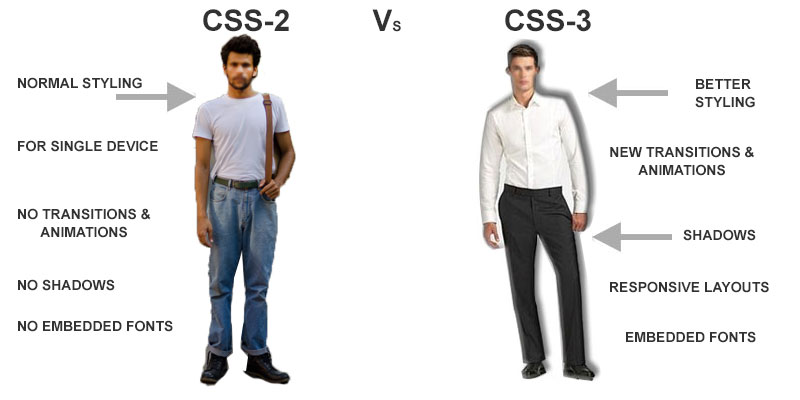
1. What are the benefits of using CSS??

* Easy to learn
* Easy maintain multiple pages
* Pages load Faster
* Style and design Webpages
* Platform Independence

2. What are the disadvantages of CSS?

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

3. What is the difference between CSS2 and CSS3?



* Above the image shows what is different between CSS 2 and CSS 3
* 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.
* font-size: sets the size of text.
* 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?

* It shows the hidden Elements Which content is behind them and it’s hidden
* It shows Transperancy of elements
* It can be define 0 or 1

Ex: div {  
  opacity: 1;  
}

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

* Background color and element will be change with color property
* It helps to change background color and text color

ex: 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

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

* Background Position property use for set image background size and area.
* 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-attachment property we can use Fixed,Local,Scroll Cantrols are used in Image control background

Ex: body{

background-repeat: no-repeat;

background- attatchment: fixed;

}

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

* Background color is using to change background color of text and color is uses only text color of text

<!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>

        p{

            background-color: blue;

            color:darkmagenta !important;

        }

        a:link{

            color: aqua;

            background-color: gray;

        }

        a:visited{

            color: blueviolet;

            background-color: white;

        }

        a:hover{

            color: green;

            text-decoration: none;

        }

        a:active{

            color: brown;

        p::first-letter{

            font-size: 20px;

            color: red;

        }

        p::selection{

            background-color: black;

            color: white;

        }

    </style>

</head>

<body>

    <input type="text" name="" id="">

    <a href="#">Home</a>

    <input type="number" name="" id="" min="0" max="5">

    <p style="color: cadetblue;">Lorem ipsum dolor sit amet consectetur adipisicing elit. In necessitatibus at expedita sint, maxime dicta ipsa quaerat sunt similique facere quis repellat quam illo culpa dignissimos iusto consequatur deleniti corrupti?</p>

    </div>

</body>

</html>

11 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>

12. How to maintain the CSS specifications?

* The CSS specifications maintained by W3C (World Wide Web Consoritum)
* The latest version of CSS is CSS3
* Use comments in your CSS code then find the other devlopers to understand your code and easily maintain

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

There Are Three types of css

* Internal CSS
* Inline CSS
* External CSS

1.) Internal CSS    <style>

        p{

            color: blue;

        }

    </style>

</head>

<body>

<p>

    HEllO HOW ARE YOU?

</p>

2.)Inline CSS <p style="color: blueviolet;">

    HEllO HOW ARE YOU?

</p>

3.) External CSS:

 <style>

        p{

            color: blue;

        }

    </style>

14. What is embedded style sheets?

* In the embedded stylesheet using the <style>…</style> element
* We do this embedding stylesheet information within style tag

   <style>

        .one{

            background-color: yellow;

        }

        .two{

            background-color: blue;

        }

        .three{

            background-color: red;

        }

        .four{

            background-color: gray;

            box-shadow: 10%;

        }

    </style>

15 What are the external style sheets?

* It is a Seprerat CSS file created by link within head section of CSS
* <link rel="stylesheet" href="style.css"

        .one {

            background-color: yellow;

        }

        .two {

            background-color: blue;

        }

        .three {

            background-color: red;

        }

        .four {

            background-color: gray;

            box-shadow: 10%;

      }

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

* Advantages of External CSS

- 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.

17 What is the meaning of the CSS 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;

}

18 What are the media types allowed by CSS?

* All
* Print
* Speech
* Screen
* Width and height of the viewport
* Width and height of the device
* Orientation And resoluationSS

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

19 What is the rule set?

* A CSS rule set Contains one or more selectors and one or more declarations
* The selector, which in this example is h1,points to an HTML element.
* In this example, the declaration is blue and text align center styles the elements with property and value
* The declaration, which in this example are color: blue and text align: center style the element with property and value

20 Create Layouts

HTML:

<body>

    <!-- Main div start -->

    <div class="body">

        <!-- div 1 start -->

        <div id="bodi">

            <!-- div 2 start -->

            <div class="one">

                <!-- div 3 start -->

                <div class="aone">Thumbnail</div>

                <!-- div 4 start -->

                <div class="aaone">This is wider card with wporting text below as natural lead in to additional

                    content.This content is a little

                    <input type="submit" name="" id="" value="View">

                    <input type="submit" name="" id="" value="Edit">

                    <!-- div 3 end -->

                </div>

                <!-- div 4 end -->

            </div>

            <!-- div 5 start -->

            <div class="two">

                <!-- div 6 start -->

                <div class="atwo">Thumbnail</div>

                <!-- div 7 start -->

                <div class="aatwo">This is wider card with wporting text below as natural lead in to additional

                    content.This content is a little

                    <input type="submit" name="" id="" value="View">

                    <input type="submit" name="" id="" value="Edit">

                    <!-- div 6 end -->

                </div>

                <!-- div 7 end -->

            </div>

            <!-- div 8 start -->

            <div class="three">

                <!-- div 9 start -->

                <div class="athree">Thumbnail</div>

                <!-- div 10 start -->

                <div class="aathree">This is wider card with wporting text below as natural lead in to additional

                    content.This content is a little

                    <input type="submit" name="" id="" value="View">

                    <input type="submit" name="" id="" value="Edit">

                    <!-- div 9 end -->

                </div>

                <!-- div 10 end -->

            </div>

            <!-- div 11 start -->

            <div class="four">

                <!-- div 12 start & End -->

                <div class="afour">Thumbnail</div>

                <!-- div 13 start -->

                <div class="aafour">This is wider card with wporting text below as natural lead in to additional

                    content.This content is a little

                    <input type="submit" name="" id="" value="View">

                    <input type="submit" name="" id="" value="Edit">

                    <!-- div 13 end -->

                </div>

                <!-- div 14 start -->

                <div class="five">

                    <!-- div 16 start -->

                    <div class="afive">Thumbnail</div>

                    <!-- div 17 start -->

                    <div class="aafive">This is wider card with wporting text below as natural lead in to additional

                        content.This content is a little

                        <input type="submit" name="" id="" value="View">

                        <input type="submit" name="" id="" value="Edit">

                        <!-- div 16 end -->

                    </div>

                    <!-- div 17 end -->

                </div>

                <!-- div 18 start -->

                <div class="six">

                    <!-- div 19 start & end -->

                    <div class="asix">Thumbnail</div>

                    <div class="aasix">This is wider card with wporting text below as natural lead in to additional

                        content.This content is a little

                        <input type="submit" name="view" id="" value="View">

                        <input type="submit" name="view" id="" value="Edit">

                    </div>

                    <!-- div 2 end -->

                </div>

                <!-- div 1 end -->

            </div>

            <!-- main div end -->

        </div>

</body>

CSS: <!-- CSS -->

    <style>

        .body {

            height: 800px;

            width: 100%;

            background-color: gray;

        }

        #bodi {

            height: 800px;

            width: 70%;

            background-color: aquamarine;

            margin: 0 0 0px 390px;

            display: flex;

        }

        .one {

            height: 300px;

            width: 300px;

            background-color: blueviolet;

        }

        .aone {

            height: 200px;

            width: 300px;

            background-color: rgba(0, 0, 0);

            color: white;

            align-items: center;

            justify-content: center;

            display: flex;

        }

        .aaone {

            height: 100px;

            width: 300px;

            background-color: rgb(253, 253, 253);

        }

        .two {

            height: 300px;

            width: 300px;

            background-color: blueviolet;

            margin: 0 0 0 50px;

        }

        .atwo {

            height: 200px;

            width: 300px;

            background-color: rgb(0, 0, 0);

            color: white;

            text-align: center;

            align-items: center;

            display: flex;

            justify-content: center;

        }

        .aatwo {

            height: 100px;

            width: 300px;

            background-color: rgb(250, 252, 248);

        }

        .three {

            height: 300px;

            width: 300px;

            background-color: blueviolet;

            margin: 0 0 0 50px;

            text-align: center;

        }

        .athree {

            height: 200px;

            width: 300px;

            background-color: rgb(0, 0, 0);

            color: white;

            text-align: center;

            align-items: center;

            justify-content: center;

            display: flex;

            justify-content: center;

        }

        .aathree {

            height: 100px;

            width: 300px;

            background-color: rgb(249, 255, 243);

            text-align: center;

        }

        .four {

            height: 300px;

            width: 300px;

            background-color: blueviolet;

            margin: 350px 0 0 -1000px;

        }

        .afour {

            height: 200px;

            width: 300px;

            background-color: rgb(0, 0, 0);

            color: white;

            text-align: center;

            text-align: center;

            align-items: center;

            justify-content: center;

            display: flex;

            justify-content: center;

        }

        .aafour {

            height: 100px;

            width: 300px;

            background-color: rgb(248, 248, 248);

        }

        .five {

            height: 300px;

            width: 300px;

            background-color: blueviolet;

            margin: -300px 100px 100px 350px;

        }

        .afive {

            height: 200px;

            width: 300px;

            background-color: rgb(0, 0, 0);

            color: white;

            text-align: center;

            text-align: center;

            align-items: center;

            justify-content: center;

            display: flex;

            justify-content: center;

        }

        .aafive {

            height: 100px;

            width: 300px;

            background-color: rgb(251, 255, 245);

        }

        .six {

            height: 300px;

            width: 300px;

            background-color: blueviolet;

            margin: -400px 0 0 700px;

        }

        .asix {

            height: 200px;

            width: 300px;

            background-color: rgb(0, 0, 0);

            color: white;

            text-align: center;

            text-align: center;

            align-items: center;

            justify-content: center;

            display: flex;

            justify-content: center;

        }

        .aasix {

            height: 100px;

            width: 300px;

            background-color: rgb(251, 255, 245);

        }

    </style>

Output:

