**CW2 Final Assignment**

1. **How to use audio, video tags?**

**Ans When we need to put sound in the document then we use <audio> tag. This tag contain one or more sources.Vedio (<vedio>) tag is used to put the vedio in the docunment according to need. To use the audio vedio tag you need to set src attribute for media source and control attribute to play and pause the audio and vedio**

1. **What is a canvas tag in HTML5?**

**Ans in HTML5 canvas element helps to draw 2d shapes easily.it is a very good alternative of drawing graphs and charts.With the help of this element we can also**

**Creatye 2d games.**

1. **Differentiate between CSS id and class?**

**Ans The main difference in the is and class selector is that I d is only apply to specific one element in the page but class can be apply more than one time in a page .id is unique for each element but class selector is not unique for each element.**

1. **Is it a good practice to use the same CSS id for multiple HTML tags? Explain.**

**Ans As HTML and CSS are designed to be very fault tolerant, most browsers will in fact apply the specified styles to all elements given the same id. ... Applying the same id to multiple elements is invalid HTML and should be avoided**

1. **Write a CSS3 syntax for applying and Radial Gradient?**

**Ans The radial-gradient() function sets a radial gradient as the background image.for that you need atleast two color. the syntax for that is**

**background-image: radial-gradient(shape size at position, start-color, ..., last-color);**

**for example :** **background-image: radial-gradient(circle, green, red);**

1. **What is a media query in CSS?**

**Ans To adapt to different conditions such as screen resolution the feature of css3 allowing content rendering is called media query.it is a key part of responsive web design as they allow you to create different layouts depending on the size of the viewport but they can also helpful for the other things for example weather the user is using a touch screen rather then a mouse.it is a logical experession that is either true or false.**

1. **What are the benefits of using CSS3 media query?**

**Ans Media query allow us to not only vari viewport dimensions based on screen size but they can also help us set different style properties for different devices such as color schemes , font style ,animations ,borders and spacing.**

1. **Differentiate between Absolute and relative measurement units?**

**Ans Absolute always indicate a fixed length while in relativethe length is always calculated in relation to other element. Relative is always in perportion to a whole while absolute is the total of all existence .Relative is dependent but on the other Absolute is independent**

1. **What is Single page architecture(SPA)?**

**Ans SPA is a web app which help user to present through a single html page to be more responsive and more closely replicate a desktop application or a native app .it is sometimes refer as single page interface(SPI).**

1. **Create 2 containers such that they are horizontally aligned(in the same horizontal line):**
   1. **each having a width:50 %**
   2. **Container 1:**
      1. **Background Color: red**
      2. **Padding 10 px;**
      3. **Add border to the container**
   3. **Container 2:**
      1. **Background Color: blue**
      2. **Padding 10 px;**
      3. **Add border to the container**

**Ans <!DOCTYPE html>**

**<html>**

**<head>**

**<meta name="viewport" content="width=device-width, initial-scale=1">**

**<style>**

**\* {**

**box-sizing: border-box;**

**}**

**.one {**

**float: left;**

**width: 50%;**

**padding: 10px;**

**height: 300px;**

**border: 2px solid black;**

**}**

**.two:after {**

**content: "";**

**display: table;**

**clear: both;**

**}**

**</style>**

**</head>**

**<body>**

**<h2>Two Equal Columns</h2>**

**<div class="two">**

**<div class="one" style="background-color:red;">**

**<h2>1</h2>**

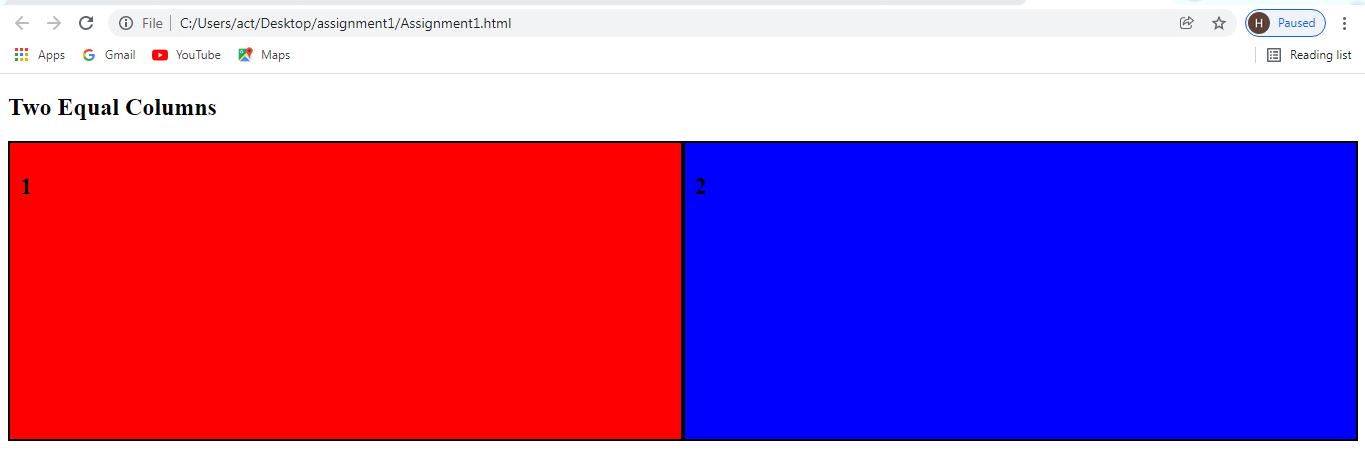
**</div>**

**<div class="one" style="background-color:blue;">**

**<h2>2</h2>**

**</div>**

**</div>**

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