CSS   ASSIGEMENT-1   5sept-wd-Yashvi

1) What are the benefits of using CSS?

> **TO create a fixleble layout and without any difficulty create a creative webpage or Website**.

2)What are the disadvantages of CSS?

> Confusion due to many CSS levels. Beginners are more vulnerable to this issue. ...
> Cross-Browser Issues. Different browsers work differently. ...
> Security Issues. Security is important in today's world driven by technology and data. ...
> Extra Work for Develop

3)what is difference between CSS2 and CSS3?

> The biggest difference between CSS2 and CSS3 is that **CSS3 is now split into different modules**. Since each module makes its way through the W3C individually, there's a wider range of browser support. Make sure you test your CSS3 pages in as many browsers and operating systems as possible to ensure compatibility.

4) Name a few CSS style Componets.

> The components of css style are: 1)Selecter:HTML element name, id name, class   name. 2)Property:It's like an attribute such as background color,font-size,position,text- align,color,border etc. 3)Values:which defines property or values allocate for properties.

5)what do you understand by css opacity?

> A css opacity is to use any image to blur and screen resoluation to Declare to use opacity maximum value is 1 and less the value

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

> To use background-color property to set color.

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

> To use background image repetition background-repeat property.

8)what is the use of the background position property?

> To use background image to fix any place .

9)which property controls the image scroll in the background?

> The background-attachment property sets whether a background image scrolls with the rest of the page, or is fixed.

10)why should background and color be used as separate properties?

> There are two reasons behind this: It enhances the legibility of style sheets. The background property is a complex property in CSS, and if it is combined with color, the complexity will further increase.

11)How to center block element using css1?

> **By** setting the properties margin-left and margin-right to auto and width to some explicit value:

12)How to maintain css specification?

> This page contains descriptions of all **specifications** that the **CSS** WG is working on. See the 'current work' page for a compact view and how

13)what are the ways to integrate CSS as webpage?

➢ CSS can be added to HTML documents in 3 ways: **Inline - by using the style attribute inside HTML elements**. Internal - by using a <style> element in the <head> section. External - by using a <link> element to link to an external CSS file.

14)what is embedded style sheets?

➢ CSS stylesheets can be applied to an HTML document in 3 ways – inline styles, embedded stylesheet, and external stylesheet. Embedded Stylesheet: **It allows you to define styles for a particular HTML document as a whole in one place.**

15)what are the external style sheet?

➢ A external style add on webpage to create a fiile style.css
And add on this webpage on work to apply external css.

16)what are the advantage or disadvantage external css?

➢ 1) The style of a few documents can be controlled from the site by utilizing them. 2) Multiple HTML elements can have numerous documents,

17)what is the meaning of CSS selector?

➢ A any content or else any tag under declare in class or id to spicify to what css apply on css to use css selector
➢ Ex <div class="a"></div>(to definie class)
➢ <div class="#a"></div>(to definie id)

18)what are the media types allowed by CSS?

➢ continuous or paged.

➢ visual, audio, speech, or tactile.

➢ grid (for character grid devices), or bitmap.

➢ interactive (for devices that allow user interaction), or static (for those that do not).

➢ all (includes all media types)

19)what is rule set?

➢ **A collection of rules or signatures that network traffic or system activity is compared against to determine an action to take**—such as forwarding or rejecting a packet, creating an alert, or allowing a system event.

20)create layout?

➢ <!DOCTYPE html>
➢ <html>
➢ <head>
➢   <meta charset="utf-8">
➢   <meta name="viewport" content="width=device-width, initial-scale=1">
➢   <title></title>
➢   <style>
➢   .main{
➢
➢   display: grid;
➢   grid-template-columns:repeat(3,1fr);
➢   grid-template-rows: (1,1fr);
➢   grid-columns-gap: 30px;
➢   grid-rows-gap: 20px;
➢   text-align: center;

```
}
.main button{
    margin-top: 10px;
    background-color: thistie;
}
.a{
    border: 1px solid black          ;

    height: 350px;
}
.a img{

    width: 100%;
    height: 60%;

}
.b{
    border: 1px solid black          ;

    height: 350px;
}
.b img{

    width: 100%;
    height: 60%;

}


.c{
    border: 1px solid black          ;

    height: 350px;
}
.c img{

    width: 100%;
    height: 60%;

}

}
.d{
    border: 1px solid black          ;

    height: 350px;
}
.d img{

    width: 100%;
    height: 60%;

}
}
.x{
```

```css
        border: 1px solid black      ;

        height: 350px;
    }
   .x img{

        width: 100%;
        height: 60%;

    }

    }
   .y{
        border: 1px solid black     ;

        height: 350px;
    }
   .y img{

        width: 100%;
        height: 60%;

    }
    }

    </style>
</head>
<body>
        <div class="main">
        <div class="a">
                <img src="./edu.jpg">
                <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
        tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
        quis nostrud exercitation ullamco laboris nisi </p>
        <button>NOw</button>
        </div>
        <div class="b"><img src="./edu.jpg">
                <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
        tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
        quis nostrud exercitation ullamco laboris nisi </p>
        <button>NOw</button></div>
        <div class="c"><img src="./edu.jpg">
                <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
        tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
        quis nostrud exercitation ullamco laboris nisi </p>
        <button>NOw</button></div>
        <div class="d"><img src="./edu.jpg">
                <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
        tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
        quis nostrud exercitation ullamco laboris nisi </p>
        <button>NOw</button></div>
```

- ➢ <div class="x"><img src="./edu.jpg">
- ➢ <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
- ➢ tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
- ➢ quis nostrud exercitation ullamco laboris nisi </p>
- ➢ <button>NOw</button></div>
- ➢ <div class="y"><img src="./edu.jpg">
- ➢ <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
- ➢ tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
- ➢ quis nostrud exercitation ullamco laboris nisi </p>
- ➢ <button>NOw</button></div>
- ➢ </div>
- ➢ </body>
- ➢ </html>

Output: