

1. What are the benefits of using CSS?

- Easy for the user to customize the online page
- It reduces the file transfer size.
- Separation of Content and Design
- Responsive Web Design

2. What are the disadvantages of CSS?

- Browser Compatibility Challenges
- Limited Layout Control
- Lack of Variables and Arithmetic Operations

3What is the difference between CSS2 and CSS3?

CSS2 was released in 1998 with added styles for other media types so that it can be used for page layout designing.

CSS3 was released in 1999 and presentation-style properties were added in it that allows you to build a presentation from documents.

CSS2, which was comprised of a single document.

CSS3 has its specifications divided into many individual modules, which makes CSS3 a whole lot easier to handle.

CSS3, the designers can now use special fonts, like those available in Google Fonts and Typecast.

Earlier, with CSS and CSS2, designers could only use “web-safe fonts” for being 100% sure to use fonts that would always display the same on every machine.

4Name a few CSS style components

5 What do you understand by CSS opacity?

Opacity meaning is background image we can set transparent level of image 0 to 50%

Opacity:0.1%

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

Using apply property background color in element we can change background property color

Color:red

7How can image repetition of the backup be controlled?

background-repeat: repeat|repeat-x|repeat-y|no-repeat|initial|inherit;

repeat-x to repeat the image in the horizontal direction.

repeat-y to repeat the image in the vertical direction.

Background-image:url();

Background-position:center;

Background repeat:norepeat;

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

Using background position we can set one image multiple time or only one time we can set background position also top,bottom,left,right.also we can set height ,width.also set background color nd gradient effect radial effect.

9Which property controls the image scroll in the background?

The **background-attachment** property sets whether a background image scrolls with the rest of the page.

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

Background property use for background nd color property use for content nd ,text color.

11How to center block elements using CSS1?

Using margin: auto property we can get element in center In text content we can apply text align :center property.

12How to maintain the CSS specifications?

Using selector :-div,p,h1

Property:color,background,margin,padding

Value:20px;

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

- External CSS
- Internal CSS
- Inline CSs

14What is embedded style sheets?

An embedded style sheet may be used if one single HTML page has a unique style.The embedded style is defined inside the <style> element, inside the head section.

<Style>

H1{

Font size:40px;

Color:red;

}

</style>

15What are the external style sheets?

With an external style sheet, you can change the look of an entire website by changing just one file! Each HTML page must include a reference to the external style sheet file inside the <link> element, inside the head section.

<head>

<link href="style.css">

</head>

16 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.

17 What is the meaning of the CSS selector?

A CSS selector selects the HTML element(s) you want to style.

18 What are the media types allowed by CSS?

Hand held device, pc ,laptop,tablet,tv

19 What is the rule set?

A CSS ruleset is various affirmations to various pieces or elements of the document. The objective is to apply a bunch of properties for certain distinct qualities to a solitary, or a particular arrangement of components in the connected HTML page.

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="5.css">
</head>
<body>
  <section class="content">
    <div class="container">
      <div class="image_box">
        <div class="gallery">
          
          <div class="text">
            <p>Lorem ipsum dolor sit amet consectetur adipiscing
elit. Repellat atque accusantium, dignissimos hic voluptatem ullam dolores
quis est</p>
            <div>
              <button class="btn">View</button>
              <button class="btn">Back</button>
            </div>
          </div>
        </div>
      </div>
      <div class="gallery">
        
        <div class="text">
          <p>Lorem ipsum dolor sit amet consectetur adipiscing
elit. Repellat atque accusantium, dignissimos hic voluptatem ullam dolores
quis est</p>
          <div>
            <button class="btn">View</button>
            <button class="btn">Back</button>
          </div>
        </div>
      </div>
      <div class="gallery">
        
        <div class="text">
          <p>Lorem ipsum dolor sit amet consectetur adipiscing
elit. Repellat atque accusantium, dignissimos hic n voluptatem ullam dolores
quis est</p>
          <div>
            <button class="btn">View</button>

```

```
        <button class="btn">Back</button>
    </div>
</div>
</div>
```

```
    <div class="gallery">
        
        <div class="text">
            <p>Lorem ipsum dolor sit amet consectetur adipiscing
elit. Repellat atque accusantium, dignissimos hic n voluptatem ullam dolores
quis est</p>
```

```
        <div>
            <button class="btn">View</button>
            <button class="btn">Back</button>
        </div>
    </div>
</div>
```

```
    <div class="gallery">
        
        <div class="text">
            <p>Lorem ipsum dolor sit amet consectetur adipiscing
elit. Repellat atque accusantium, dignissimos hic n voluptatem ullam dolores
quis est</p>
```

```
        <div>
            <button class="btn">View</button>
            <button class="btn">Back</button>
        </div>
    </div>
</div>
```

```
    <div class="gallery">
        
        <div class="text">
            <p>Lorem ipsum dolor sit amet consectetur adipiscing
elit. Repellat atque accusantium, dignissimos hic n voluptatem ullam dolores
quis est</p>
```

```
        <div>
            <button class="btn">View</button>
            <button class="btn">Back</button>
        </div>
    </div>
</div>
```

```
    </div>
</div>
```

```
    </section>
</body>
</html>
```

```
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
.container{
    margin: 20px;
    padding: 30px;
}
img{
    max-width: 100%;
    height: auto;
    vertical-align: middle;
}

.content{
    .image_box{
        display: grid;
        grid-template-columns: repeat(3, 1fr);
        gap: 30px;

    }
    .gallery{

        .text{
            background-color: azure;
            font-size: 15px;

        }
        .btn{
            margin: 10px;
            height: 30px;
            background-color: aliceblue;
            width: 100px;

        }
    }
}
```

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="11.css">
</head>
<body>
  <div class="main">
    <h1>Main Title</h1>
    <p>
      Lorem, ipsum dolor sit amet consectetur adipiscing elit. Obcaecati
      dignissimos reprehenderit voluptas commodi laudantium sint, facere ipsa
      distinctio dicta quod, aut, explicabo sit animi eos. Quae, quis accusamus?
      Exercitationem, iusto!
    </p>
    <button>Sign Up!</button>
  </div>
  <div class="wave"></div>
</body>
</html>

```

```

body {
  overflow-x: hidden;
  margin: 0;
  padding: 0;
}
.main{
  width: 100%;
  height: 300px;
  background-color: rgb(57, 27, 112);
  display: flex;
  justify-content: center;
  flex-direction: column;
  color: #fff;
  padding: 0 20px;
  font-family: Arial;
}

```



```
.main h1{
    font-size: 40px;
}

.main p{
    font-size: 18px;
    width: 80%;
    margin-top: -5px
}

.main button{
    border: 2px solid #fff;
    color: #fff;
    font-size: 16px;
    padding: 8px 15px;
    width: 120px;
    margin-top: 10px;
    background-color: transparent;
    border-radius: 4px;
}

.wave {
    display: block;
    position: relative;
    height: 40px;
    width: 100%;
    background: rgb(57, 27, 112);
    transform: scale(1, 1.5);
}

.wave: before {
    content: "";
    display: block;
    position: absolute;
    border-radius: 100%;
    width: 100%;
    height: 300px;
    background-color: white;
    right: -25%;
    top: 20px;
}

.wave: after {
    content: "";
    display: block;
    position: absolute;
    border-radius: 100%;
```

```
width: 100%;
height: 300px;
background-color: rgb(57, 27, 112);
left: -25%;
top: -240px;
clip-path: ellipse(100% 15% at -15% 100%); }
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=\, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="4.css">
</head>

<body>
  <div class="heroimage">
    <div class="container">
      <div class="flexbox">
        <div class="logo">
          <h2><span>L</span>OGG</h2>
        </div>
        <div class="nav">
          <ul class="navlist">
            <li><a href="">Home</a></li>
            <li><a href="">About Us</a></li>
            <li><a href="">Portfolio</a></li>
            <li><a href="">Team</a></li>
            <li><a href="">Blog</a></li>
            <li><a href="">Contact</a></li>
            <li><a href="">Project</a></li>
          </ul>
        </div>
      </div>
    </div>
  </div>

</div>
</div>
</div>

<section class="image">

  <div class="container">
    <div class="pdn_5">
```

```

        <div class="text_box">
            <h1>Our Clients are our first priority</h1>
            <h2>WELCOME TO SKY</h2>
            <h3>Lorem ipsum dolor, sit amet consectetur adipisicing
elit. Consequatur possimus optio, adipisci qui earum fuga laudantium
architecto, itaque nostrum similique tenetur eius cum voluptatem nisi ipsam
velit aut illo . Lorem ipsum dolor sit amet consectetur adipisicing elit.
Asperiores magnam aperiam doloremque ullam nostrum corrupti veritatis dolorum
et libero rem porro, praesentium ipsum modi, nulla, ipsam est sunt
exercitationem. Assumenda.</h3>
            <button class="btn">Get Startedred Now</button>
            <button class="btn1">Get Startedred Now</button>

        </div>
    </div>
</div>

```

```

</section>

```

```

</body>

```

```

</html>

```

```

*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
.container{
    margin: 0px 100px;
    padding: 0px 10px;
}
.pdn_5{
    padding: 30px;
}
a{
    text-decoration: none;
}
ul {
    list-style: none;
}

```

```

.heroi mage{

```

```

position: fixed;
z-index: 11;
.flexbox{
    display: flex;
    justify-content: space-between;
    align-items: end;
    .logo{

        border: 1px solid black;
        color: white;
        span{
            background-color: rgba(247, 247, 247, 0.353);
            color: rgb(255, 255, 255);
        }
    }
    .nav{
        padding: 10px;
        .navlist{
            display: flex;
            align-items: end;
            gap: 30px;

            a{
                color: white;
                &:hover{
                    color: red;
                }
            }
        }
    }
}

```

///=====

```

.image{
    background: url (https://tse4.mm.bing.net/th?id=OIP.acMYL-49p0hBLCIKSI0ICQHaDa&pid=Api&P=0&h=180);
    background-position: center;
    background-size: cover;
    background-repeat: no-repeat;
    clip-path: polygon(-211% 0, 50% 100%, 311% 0);

    .text_box{
        color: white;
        font-size: 10px;
    }
}

```

```
text-align: center;
padding: 150px;
h2{
    font-size: 40px;
    text-transform: capitalize;
    padding: 20px;
}
h3{
    width: 50%;
    margin: auto;
    text-align: justify;
}
.btn{
    margin: 20px;
    height: 30px;
    width: 200px;
    background-color: red;
    color: white;
    border: 1px solid red;
}
.btn1{
    margin: 20px;
    height: 30px;
    width: 200px;
    background-color: rgba(249, 246, 246, 0.154);
    color: white;
    border: 1px solid white;
}
}
}
```

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="3.css">
</head>

<body>
  <section class="gallery">
    <div class="container">
      <div class="pdn_5">
        <div class="gridbox">
          <div class="image_gallery">
            <div class="img1 img">
              
            </div>

            <div class="img2 img ">
              
            </div>
            <div class="img3 img">
              
            </div>
            <div class="img4 img">
              
            </div>
            <div class="img5 img">
```

```

        <i mg
src="https: //tse1. mm. bi ng. net/th?i d=0I P. 4r0dyobwgt5fbXZnAPpMpQHaE8&pi d=Api &P=0
&h=180"
        al t="">
    </di v>
    <di v cl ass="i mg6 i mg">
        <i mg
src="https: //tse2. mm. bi ng. net/th?i d=0I P. 3j pX6i 7rpRq0DoC50dvtwQHaE_&pi d=Api &P=0
&h=180"
        al t="">
    </di v>
    <di v cl ass="i mg7 i mg">
        <i mg
src="https: //tse3. mm. bi ng. net/th?i d=0I P. aX_Tj oHi _MR-
Ej kei AdaDwHaE8&pi d=Api &P=0&h=180"
        al t="">
    </di v>
    <di v cl ass="i mg8 i mg">
        <i mg
src="https: //tse3. mm. bi ng. net/th?i d=0I P. Cxj l 1l G_dQ40cZHcWYSbYgHaE7&pi d=Api &P=0
&h=180"
        al t="">
    </di v>
    <di v cl ass="i mg9 i mg">
        <i mg
src="https: //tse1. mm. bi ng. net/th?i d=0I P. l t0WCBem0MvZSNZ3E_l qHQHaEY&pi d=Api &P=0
&h=180"
        al t="">
    </di v>
    <di v cl ass="i mg10 i mg">
        <i mg
src="https: //tse2. mm. bi ng. net/th?i d=0I P. _u4ErpVn_FnH4Gb_Gcl dnwHaE6&pi d=Api &P=0
&h=180"
        al t="">
    </di v>
</di v>
</di v>
</di v>
</di v>
</secti on>
</body>

</html >
```

```
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
.pdn_5{
  padding: 50px;
}
.container{
  padding: 0;
  margin: 0px 10px;
}
.img{
  max-width: 100%;
  height: auto;
}
.gallery{
  background-color: rgba(0, 0, 0, 0.941);
  .gridbox{
    .image_gallery{
      display: grid;
      grid-template-columns: repeat(3, 1fr);
      gap: 30px;
    }
    .img1{
      grid-column-start: 1;
      grid-column-end: span 2;
      width: 100%;
    }
    .img6{
      grid-row: 3;
      grid-column: 1 / span 2;
      width: 100%;
    }
  }
}
```



```

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Home</title>
  <!-- font awesome cdn -->
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css">
  <!-- link css -->
  <link rel="stylesheet" href="1.css">
</head>

<body>

  <section class="aboutUs" id="about">
    <div class="container">
      <div class="ptb-5">

        <!-- flex -->
        <div class="flexBox">
          <div class="flex-text">

            <p>
              Lorem ipsum dolor sit amet consectetur adipiscing
elit. Optio voluptatibus odit explicabo,
              autem debitis commodi rem voluptatem, sapiente
maiores sint placeat impedit laudantium quas
              libero nesciunt esse fugit, accusamus dolore.
              Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Quia modi dolore qui excepturi quod nulla, libero pariatur
iste quis earum voluptate similique officiis. Eaque maiores, ratione
consequuntur eum rerum consequatur!
              Lorem ipsum, dolor sit amet consectetur
adipiscing elit. Nisi sint, dolore debitis aspernatur delectus eligendi
voluptatem magnam molestiae quam ex eaque incidunt totam praesentium natus
illum iure quibusdam ducimus facilis!
              Lorem ipsum dolor sit amet consectetur adipiscing
elit. Officiis veniam nemo dolore animi. Libero magnam unde facilis
praesentium, iusto ipsam voluptatem, atque deserunt voluptas eaque adipisci
amet error ducimus? Pariatur.
              Lorem ipsum dolor sit amet consectetur adipiscing
elit. Exercitationem, necessitatibus! Voluptas iste asperiores blanditiis id
cum modi eos perspiciatis officiis, totam aspernatur provident doloribus! Nisi
nostrum necessitatibus sint adipisci quidem.
            </p>
          </div>
        </div>
      </div>
    </div>
  </section>

```

```

        </p>

        </div>
        <div class="flex-image">
            
            </div>
        </div>
    </div>
</div>
</section>

```

```
</body>
```

```
</html>
```

```

@import
url('https://fonts.googleapis.com/css2?family=Montserrat&display=swap');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    scroll-behavior: smooth;
}
// common css
body{
    font-family: system-ui, -apple-system, BlinkMacSystemFont, 'Segoe UI',
Roboto, Oxygen, Ubuntu, Cantarell, 'Open Sans', 'Helvetica Neue', sans-serif;
    // font-family: "Montserrat", sans-serif;
}
a{
    text-decoration: none;
}
ul{
    list-style: none;
}
.ptb-1{
    padding: 10px 0;
}
.ptb-2{

```

```

        padding: 20px 0;
    }
    .ptb-3{
        padding: 30px 0;
    }
    .ptb-4{
        padding: 40px 0;
    }
    .ptb-5{
        padding: 50px 0;
    }
    .container{
        margin: auto;
        padding: 0 10px;
    }

    .aboutUs{
        background-color: #f4e1b9;
        .links{
            padding: 10px 0;

            .linkList{
                display: flex;
                gap: 30px;
                flex-wrap: wrap;

            }
        }
    }

    .flexBox{
        padding-top: 40px;
        display: flex;
        gap: 30px;

        background-color: aquamarine;

        .flex-text{
            flex: 1;

            p{
                font-weight: 500;
            }
        }
    }

```

```
        line-height: 25px;
        padding-bottom: 20px;
    }

    }
}

.flex-image{
    flex: 1;
}
```