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COBINATORS

Code :

Html :

```
<!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">
  <link rel="stylesheet" href="test.css">
  <title>Document</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div>
    <nav>
      <ul>
        <li><a href="test.css">Home</a></li>
        <li><a href="test.css">Register</a></li>
        <li><a href="test.css">About</a></li>
      </ul>
    </nav>
    <h1>This is heading1</h1>
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Impedit ipsum ipsa omnis? Eum incidunt alias rerum nihil impedit autem, sed magni consequatur enim iusto quo delectus possimus maxime atque veritatis.</p>
    <h1>This is heading2</h1>
    <p>para 2</p>
    <h1>This is heading3</h1>
    <p>para3</p>
  </div>
</body>
</html>
```

CSS :

```
nav ul li a
{
  color:red;
}

nav ul li{
  list-style-type: none;
  padding: 10px;
  float:left;
```

```
}  
  
nav ul li a:hover  
{  
    background-color: aqua;  
}  
div>p  
{  
    color:blue;  
}  
p+h1  
{  
    color:brown;  
}  
p~h1  
{  
    color:brown;  
}
```

OUTPUT :

[Home](#) [Register](#) [About](#) **This is heading1**

Lorem ipsum dolor sit amet consectetur adipisicing elit. Impedit ipsum ipsa omnis? Eum incidunt alias rerum nihil impedit autem, sed magni consequatur enim iusto quo delectus possimus maxime atque veritatis.

This is heading2

para 2

This is heading3

para3

BOX MODEL

CODE :

HTML :

```
<!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">
<link rel="stylesheet" href="test.css">
<title>Document</title>
<link rel="stylesheet" href="box.css">
</head>
<body>
<div>

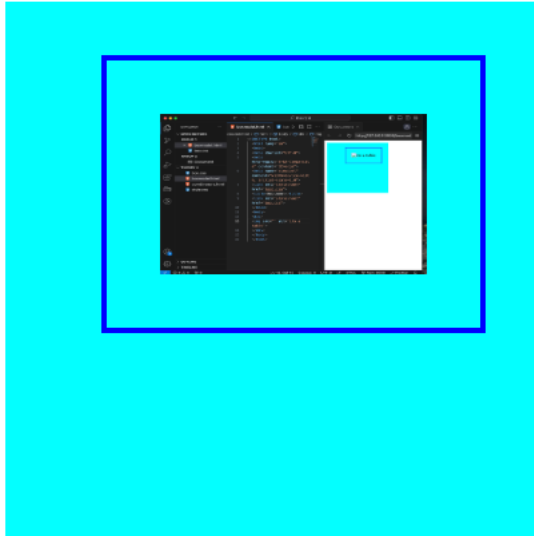
</div>
</body>
</html>
```

CSS:

```
img
{
border: 2px solid blue;
padding: 20px;
margin: 20px;
float:right;
height: 60px;
width: 100px;
}

div
{
text-align: justify;
height: 200px;
width: 200px;
background-color: aqua;
}
```

OUTPUT :



Z INDEX :

CODE : HTML

```
<!DOCTYPE html>
<html>
  <head>
    <title>CSS Z Index</title>
    <link rel="stylesheet" href="z.css" />
  </head>

  <body>
    <h1>CSS z-index</h1>

    <div class="container">
      <div class="box1-box">Box 1 (z-index: 1)</div>
      <div class="box2-box">Box 2 (z-index: 3)</div>
      <div class="box3-box">Box 3 (z-index: 2)</div>
    </div>
  </body>
</html>
```

CSS :

```
.container {  
  position: relative;  
}  
  
.box1-box {  
  position: relative;  
  z-index: 1;  
  border: 2px solid black;  
  height: 100px;  
  margin: 40px;  
  background-color: aqua;  
}  
  
.box2-box {  
  position: absolute;  
  z-index: 3;  
  background-color: rosybrown;  
  height: 60px;  
  width: 70%;  
  left: 250px;  
  top: 50px;  
  border: 2px solid;  
}  
  
.box3-box {  
  position: absolute;  
  color: wheat;  
  z-index: 2;  
  background-color: rebeccapurple;  
  width: 45%;  
  left: 270px;  
  top: 15px;  
  height: 100px;  
  border: 2px solid;  
}
```

OUTPUT :

CSS z-index



MULTI COLUMN LAYOUT :

CODE : HTML

```
<!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="multi.css">
</head>
<body>
  <div>
    <h1>Welcome to my Research Article</h1>
    Lorem ipsum dolor sit amet consectetur adipisicing elit. Sequi quibusdam voluptates recusandae numquam eius atque totam. Reprehenderit voluptatem, maiores blanditiis libero quia deserunt dicta modi soluta! Ad veniam ea perferendis?
    Lorem ipsum, dolor sit amet consectetur adipisicing elit. Incidunt ab adipisci eos saepe! Dolore quaerat iusto inventore sit quas eum, repudiandae, voluptatem sint officiis, debitis obcaecati voluptate! Repudiandae, nihil minus?
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    Lorem ipsum dolor sit amet consectetur adipisicing elit. Quas esse aliquam alias molestiae, commodi perspiciatis? Est vero dolore inventore! Nemo quia et veniam quo nulla laudantium corrupti ab, voluptatem cumque.
    Lorem ipsum dolor sit amet, consectetur adipisicing elit. Rem, ipsam aut! Eos exercitationem nisi doloremque quia molestiae maxime fugiat. Voluptatem vel blanditiis tempore dolorem nesciunt architecto iure, autem ab at.
  </div>
</body>
</html>
```

CSS :

```
div
{
  column-count: 3;
  column-rule: 2px solid blue;
  column-gap: 20px;
  text-align: justify;
  background-color: antiquewhite;
}
```

```
h1
{
  column-span: all;
  background-color: aqua;
  text-align: center;
}

#img1
{
  float:left;
  margin:5px;
}

#img2
{
  float:right;
  margin:10px;
}
```

OUTPUT :

Welcome to my Research Article

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corporis. Veritatis. Lorem ipsum dolor sit amet consectetur adipisicing elit. Quas esse aliquam alias molestiae, commodi perspiciatis? Est vero dolore inventore! Nemo quia et veniam quo nulla laudantium corrupti ab, voluptatem cumque. Lorem ipsum dolor sit amet, consectetur adipisicing elit. Rem, ipsam aut! Eos exercitationem nisi doloremque quia molestiae maxime fugiat. Voluptatem vel blanditiis tempore dolorem nesciunt architecto iure, autem ab at.