

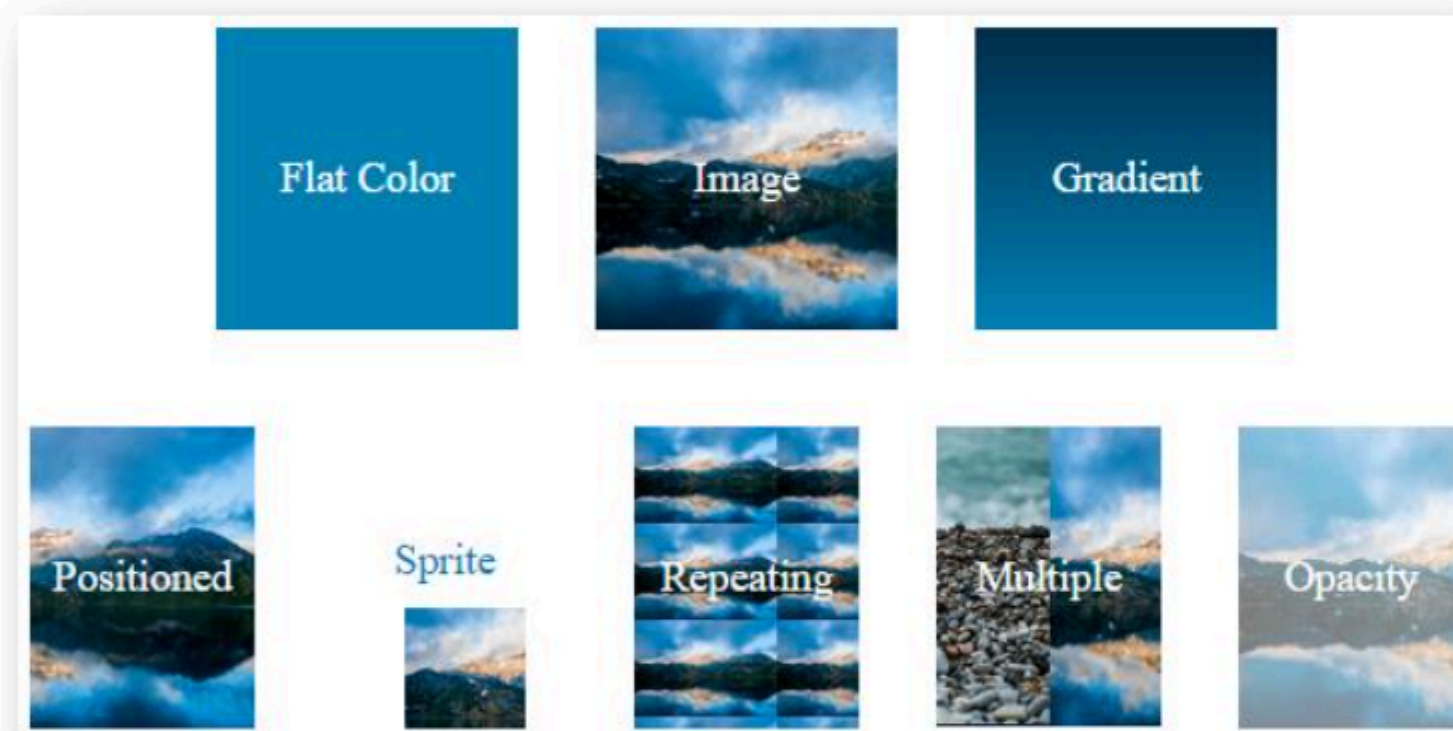


Styling Background with CSS

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Comprehending CSS Properties

The CSS background property is used to set the background effects for elements. It's a shorthand property for setting individual background values in a single place.



CSS allows web developers to style and layout web pages with precision and creativity, making it an essential tool for web design.

```
.example {  
  background: linear-gradient(white 50%, black 50%);  
  background-size: 100% 50px;  
}
```

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Understanding CSS Background Property

Property	Description
background-color	Specifies the background color of an element.
background-image	Specifies the image which is used as the background of an element.
background-repeat	Specifies how the image repeats itself horizontally and vertically. By default, it repeats both horizontally and vertically to cover the screen.
background-attachment	Specifies whether the background image should scroll or be fixed.

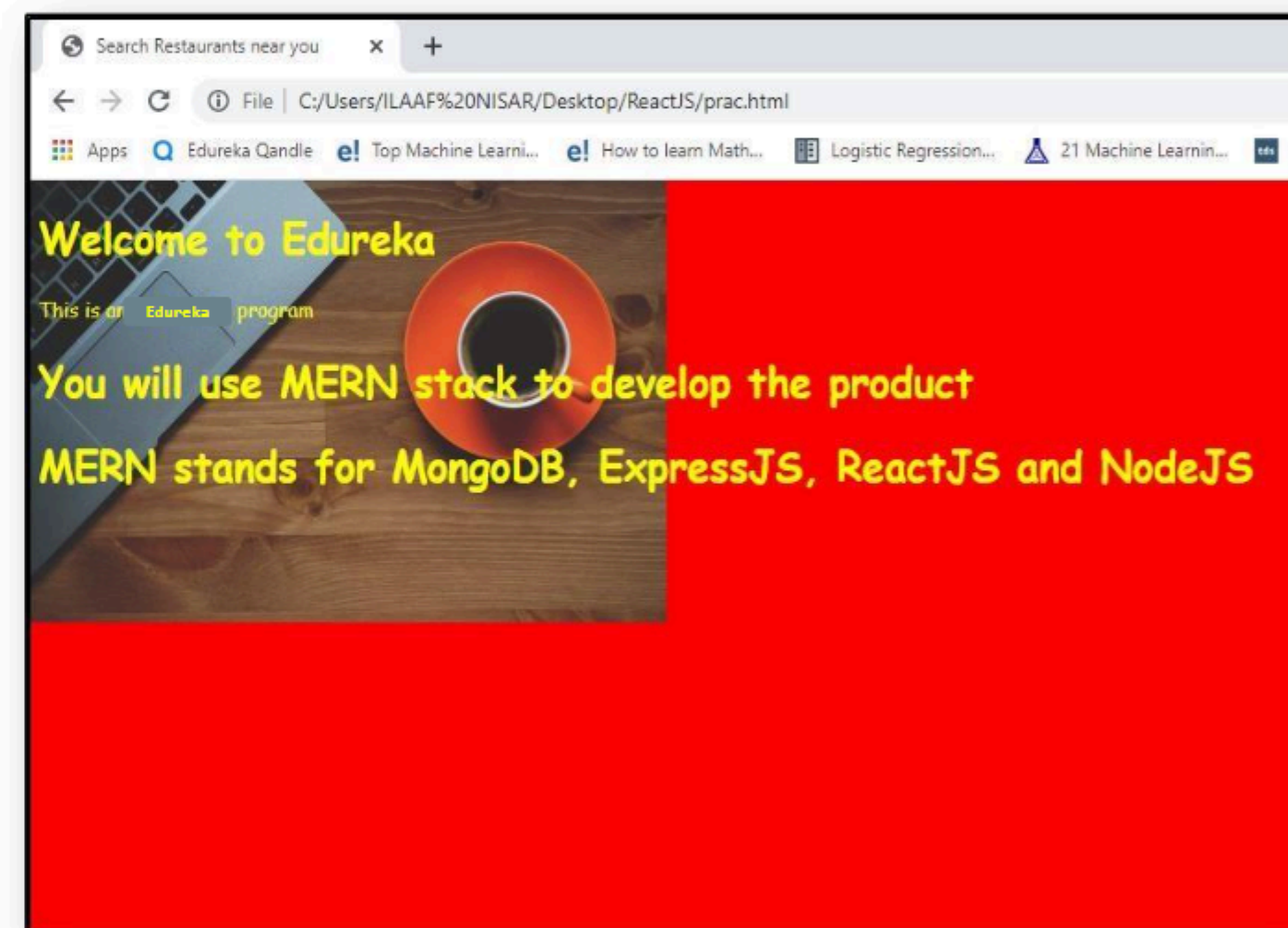
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Example: Adding an Image as Background

Example:

```
<!DOCTYPE html>
<html>
  <head>
    <title>
      Search Restaurants near you
    </title>
    <style>
      body {
        color: yellow;
        font-family: cursive;
        font-size: 20px;
        background: red url("images/cup-of-coffee.jpg") no-repeat fixed left top;
      }
    </style>
  </head>
  <body>
    <h1> Welcome to Edureka</h1>
    <div>
      This is an Edureka program
    </div>
    <h1 class="tech">
      You will use MERN stack to develop the product
    </h1>
    <h1 id="one">
      MERN stands for MongoDB, ExpressJS, ReactJS and NodeJS
    </h1>
  </body>
</html>
```

Output:



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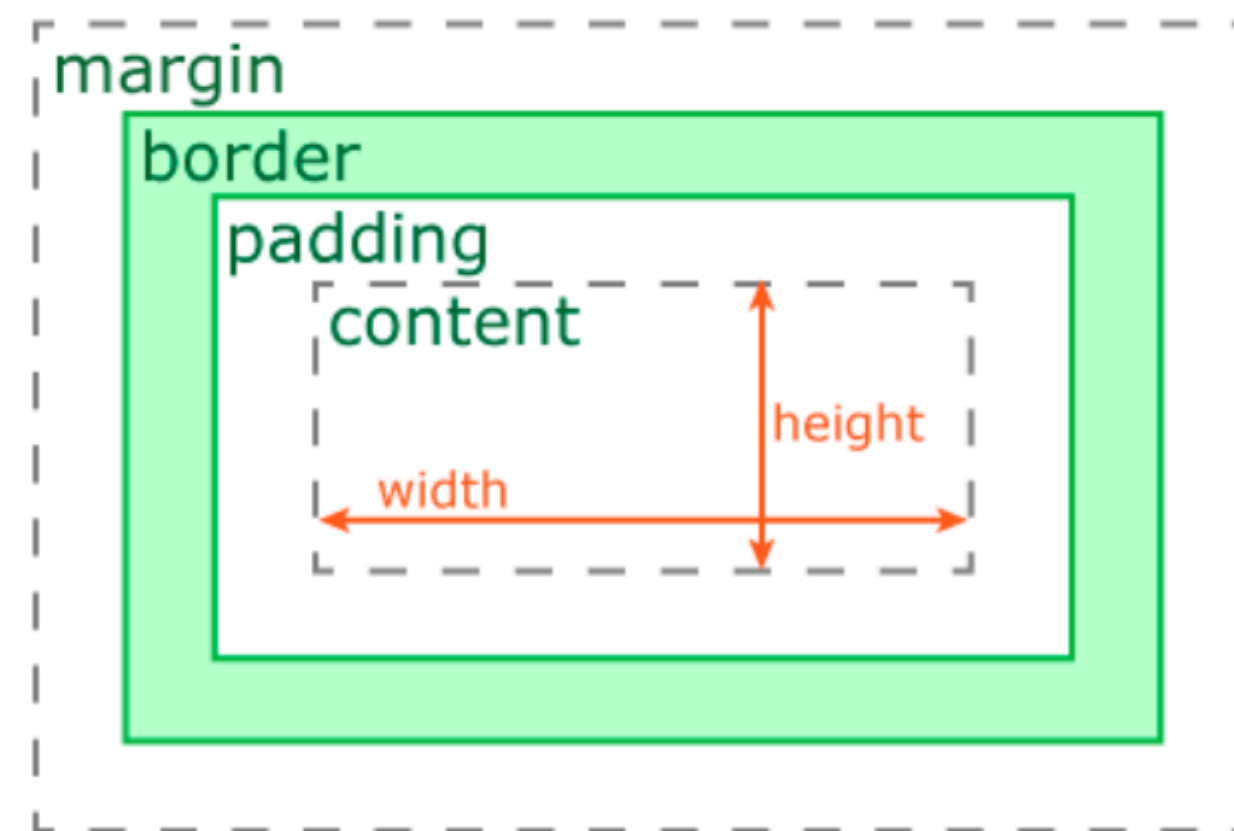
Demystifying CSS Dimensions

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Understanding Dimensions in CSS

CSS Dimensions refer to the size of elements on a webpage. You can specify dimensions using units like pixels, percentages, ems, or rems.

- Understanding dimensions is crucial for responsive web design, ensuring your content adapts well to different screen sizes, making your website accessible and user-friendly across devices.
- It controls the height and width of the element to be displayed.



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Understanding Dimensions in CSS (contd.)

Property	Description	Values
height	Sets the height of an element.	auto, length, %, initial, inherit
width	Sets the width of an element.	auto, length, %, initial, inherit
max-height	Sets the maximum-height of an element.	none, length, %, initial, inherit
min-height	Sets the minimum-height of an element.	length, %, initial, inherit
max-width	Sets the maximum-width of an element.	none, length, %, initial, inherit
min-width	Sets the minimum-width of an element.	length, %, initial, inherit

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Example of Height and Width

Example:

```
<!DOCTYPE html>
<html>
<head>
<style>
div {
  height: 100px;
  width: 500px;
  background-color: powderblue;
}
</style>
</head>
<body>
<h2>Set the height and width of an element</h2>
<div>This div element has a height of 100px and a width of
500px.</div>
</body>
</html>
```

Output:

Set the height and width of an element

This div element has a height of 100px and a width of 500px.