W3.CSS Framework

W3.CSS Containers
The w3-container class is the most important of the W3.CSS classes. It provides equality like:

- Common margins
- Common padding
- Common vertical alignments
- Common horizontal alignments
- Common fonts
- Common colors

The w3-container class is typically used with HTML container elements, like: <div>, <header>, <footer>, <article>, <section>, <blockquote>, <form>, and more. The w3-container class defiantly adds a 16px left and right padding to any HTML element. To use a container, just add a w3-container class to any HTML element.

Note: w3.css class name must started with “w3-” and class name is case sensitive.
For example:

```html
<!--DOCTYPE html--><html><title>W3.CSS</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body><h2>Without a Container</h2>
<p>The w3-container class is one of the most important W3.CSS classes.</p>
<p>It provides correct margins, padding, alignments, and more, to most HTML elements.</p>
</body></html>
```

**Output:**

**Without a Container**

The w3-container class is one of the most important W3.CSS classes.

It provides correct margins, padding, alignments, and more, to most HTML elements.

**With a Container**

The w3-container class is one of the most important W3.CSS classes.

It provides correct margins, padding, alignments, and more, to most HTML elements.

To add a color, just add a w3-color class. For Example:

```html
<!--DOCTYPE html--><html><title>W3.CSS</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body><h2>Displaying Colors</h2>
<div class="w3-container"> <p>container without color class</p></div>
<div class="w3-container w3-red"> <p>container with red color</p></div>
</body></html>
```
The **w3-container** class can also be used to style `<article>` and `<section>` elements. For Example:

```html
<!DOCTYPE html>
<html>
<title>W3.CSS</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body>
<div class="w3-container">
<h2>London</h2>
<p>London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.</p>
</div>
<article class="w3-container">
<h2>Paris</h2>
<p>The Paris area is one of the largest population centers in Europe, with more than 2 million inhabitants.</p>
</article>
<section class="w3-container">
<h2>Tokyo</h2>
<p>Tokyo is the center of the Greater Tokyo Area, and the most populous metropolitan area in the world.</p>
</section>
</body>
</html>
```

Output:

London

London is the most populous city in the United Kingdom, with a metropolitan area of over 9 million inhabitants.

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Paris

The Paris area is one of the largest population centers in Europe, with more than 2 million inhabitants.

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Tokyo

Tokyo is the center of the Greater Tokyo Area, and the most populous metropolitan area in the world.

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**Exercise:**

1: What is **w3-container** class and where it is used.