

Course Name: O Level (1st Sem)

Topic: W3.CSS – Images (Part 8)

Subject Web Designing & Publishing (WDP)

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W3.CSS – Images

Images are important factors in website. Effective use of images makes better user experience to the visitor of website. W3.CSS classes provide an excellent way to present and design stylish and attractive images.

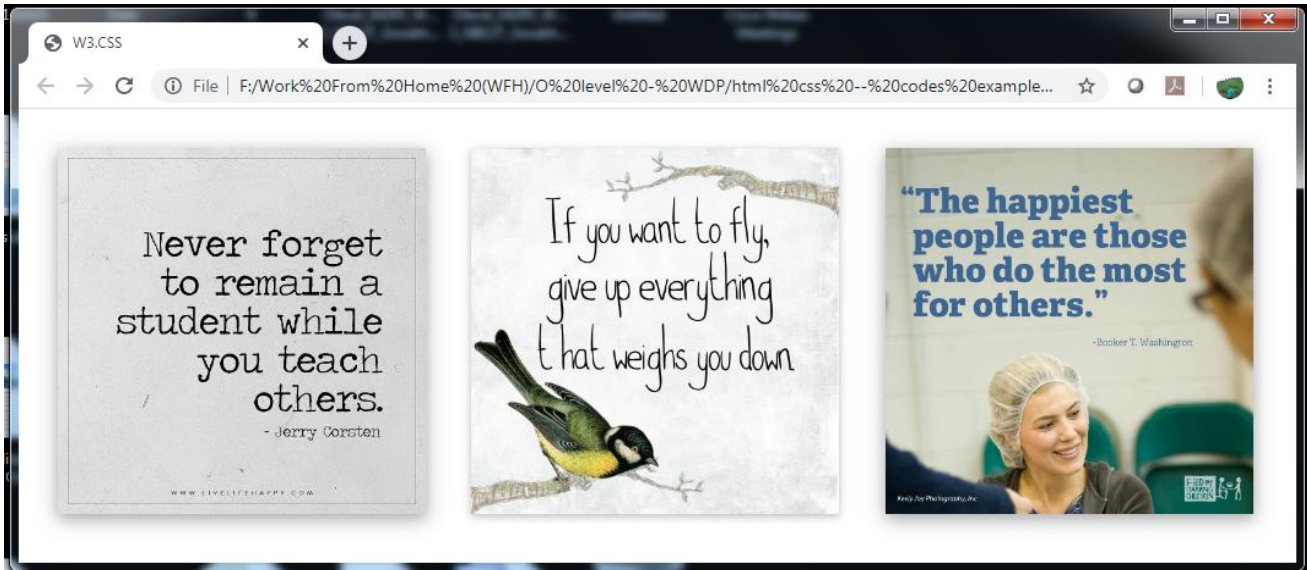
✚ **w3-card** class is give shadow effects just like card to the image.

✚ **w3-margin** class adds 16px space around the outside of the image.

Code: W3CSS Images [Cards, Margin]

```
<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-panel">
  
  
  
</div>
</body>
</html>
```

Output [Cards, Margin]:

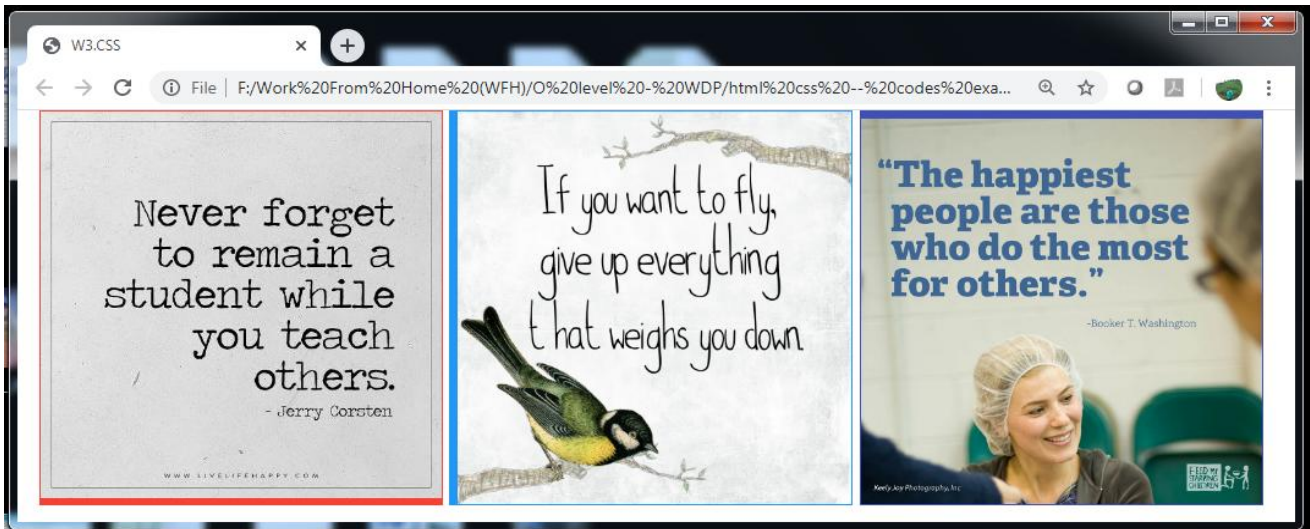


✚ The border classes of W3.CSS are used to give border effects to the image.

Code: W3CSS Images [Borders]

```
<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-panel">
  
  
  
</div>
</body>
</html>
```

Output[Borders]:



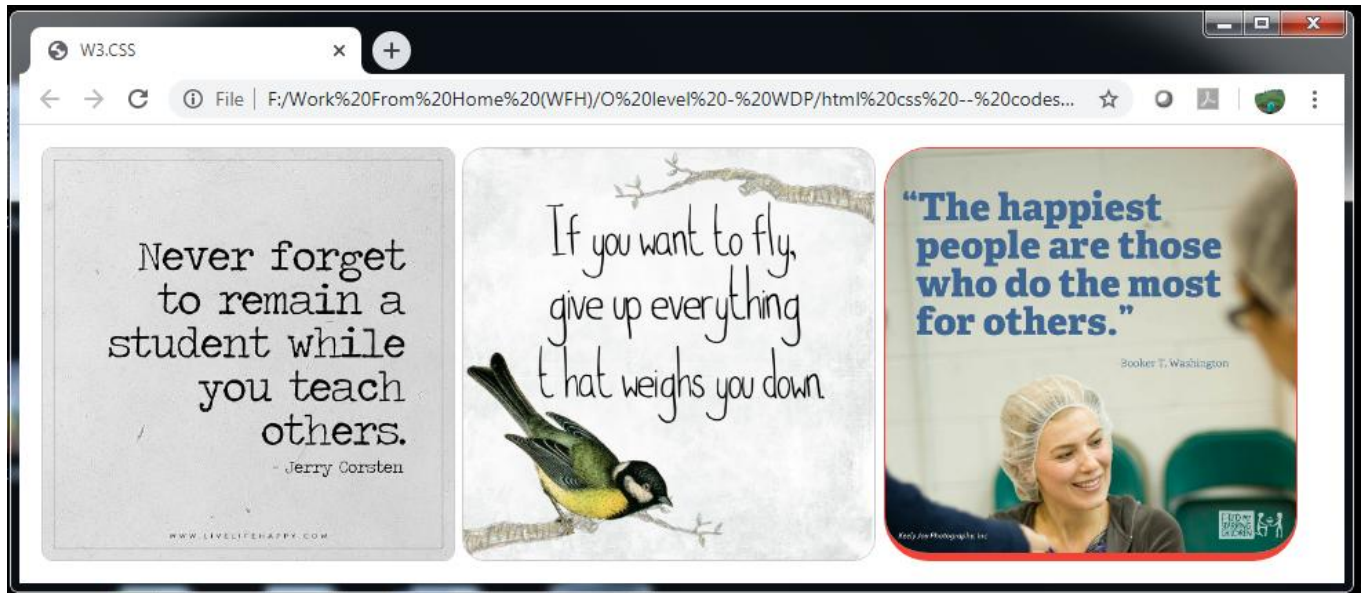
 **w3-round** class is used to give rounded corner to the image.

Code: W3CSS Images [Rounded]

```
<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-panel">
  
  
  
</div>
</body>
</html>
```

Output [Rounded]:

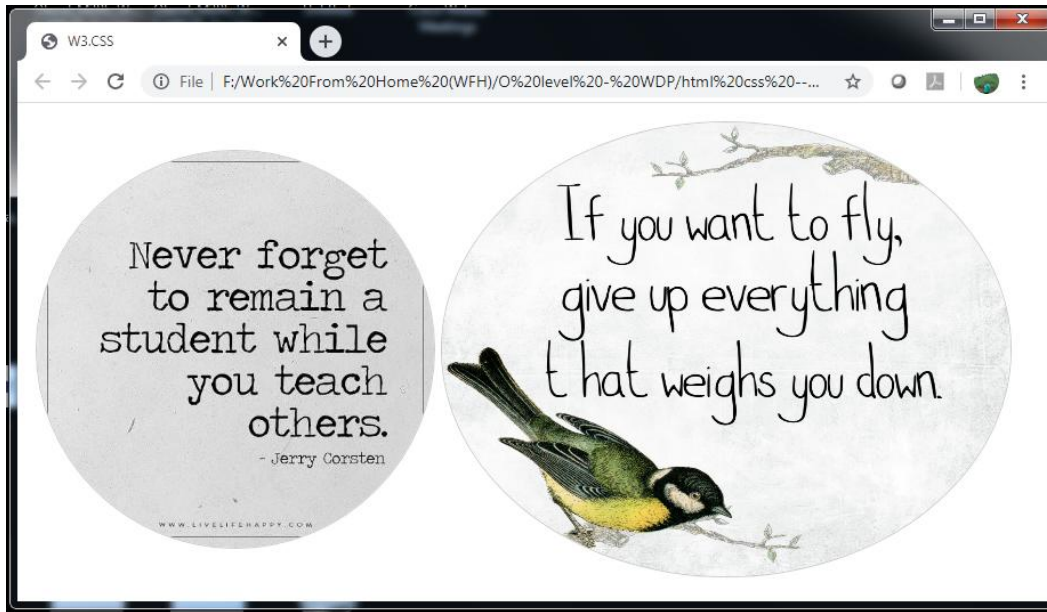


 **w3-circle** class is used to give circle shape to the image.

Code: W3CSS Images [w3-circle]

```
<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-panel">
  
  
</div>
</body>
</html>
```

Output [w3-circle]:



Following classes provide some special effects to the image:

- **w3-sepia:**

This class gives sepia effects (brownish-reddish look) to the image. Two other related classes (that gives the level of sepia effects) are **w3-sepia-min**, **w3-sepia-max**.

- **w3-grayscale:**

This class gives grayscale effects (black & white look) to the image. Two other related classes (that gives the level of grayscale effects) are **w3-grayscale-min**, **w3-grayscale-max**.

- **w3-opacity:**

This class gives transparency effects to the image. Two other related classes (that gives the level of transparency effects) are **w3-opacity-min**, **w3-opacity-max**.

- **w3-opacity-off:**

This class removes the transparency effects.

- **w3-hover-sepia:**

This class gives the sepia effects when mouse is moved over the image.

- **w3-hover-grayscale:**

This class gives the grayscale effects when mouse is moved over the image.

- **w3-hover-opacity:**

This class gives the transparency effects when mouse is moved over the image.

- **w3-hover-opacity-off:**

This class removes the transparency effects when mouse is moved over the image.

Code: W3CSS Images [Sepia, Grayscale]

```
<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">
```

```
<h1> Sepia Effects </h1>
```

```

```

```

```

```

```

```
 </div>
```

```
<div class="w3-container">
```

```
<h1> Grayscale Effects </h1>
```

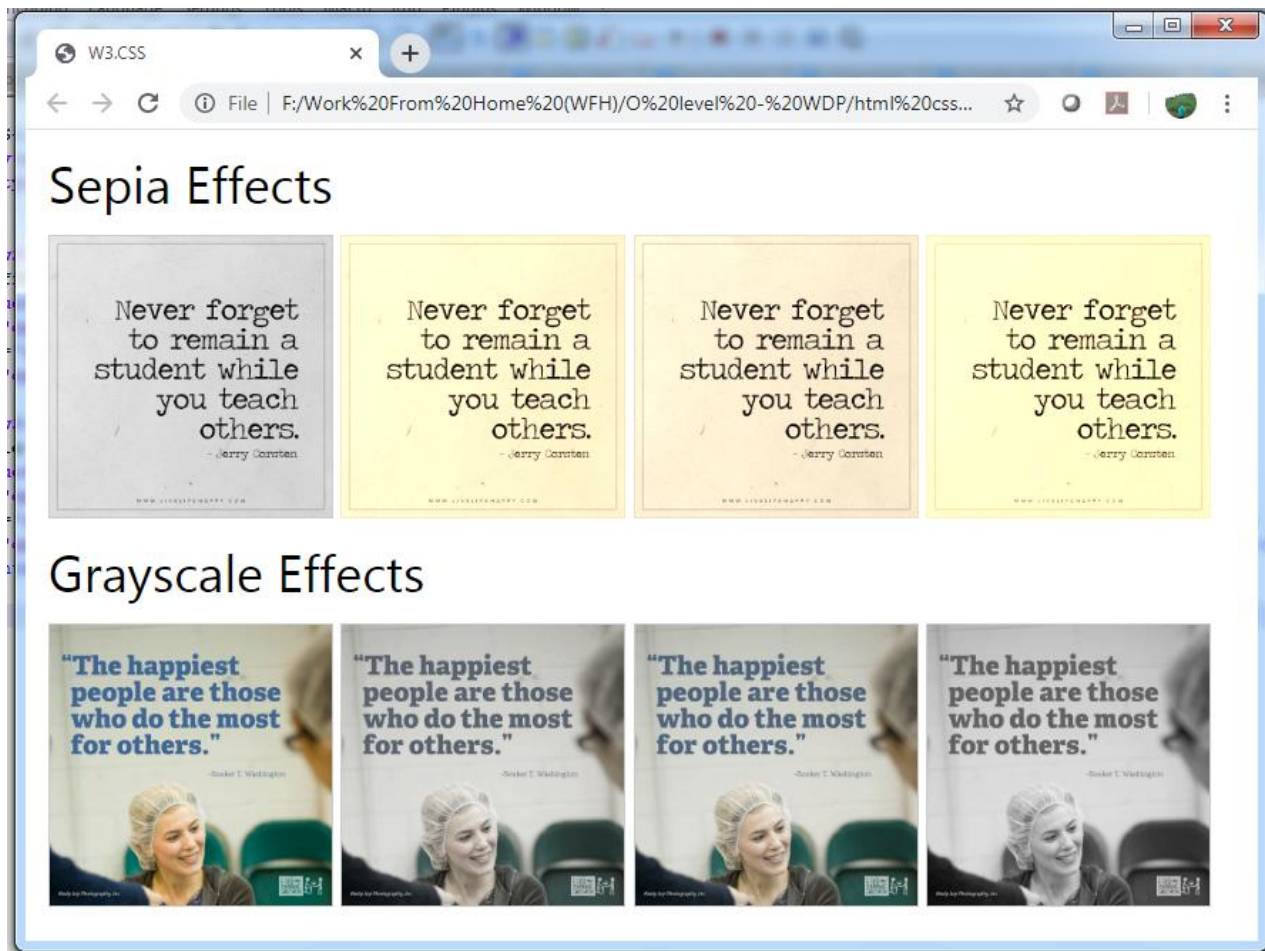
```

```

```


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

Output [Sepia, Grayscale]:



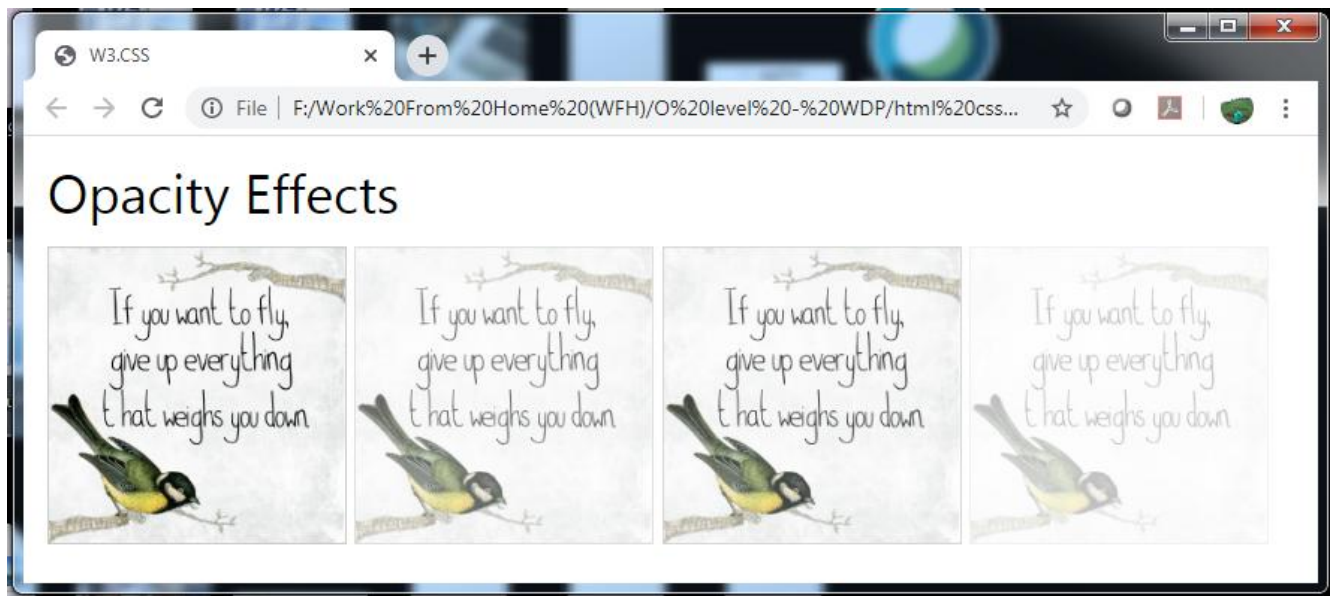
Code: W3CSS Images [Opacity]

```
<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">
<h1> Opacity Effects </h1>



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

Output [Opacity]:



Responsive Images

A responsive image is one which is resized by itself to be fit according to the screen size.

- The **w3-image** class is used to make responsive image. The image scales down to be fit on smaller screen but not scale up more than original size of image on larger screen.

```

```

- To scale up and down both according to the screen size [set CSS width property 100%]:

```

```

- To scale down to be fit on smaller screen and scale up to specified on larger screen
[Set CSS max-width property accordingly]

```

```

Exercise:

1. Create a **photo album (with at least 8 photographs) in HTML** and make it attractive using W3.CSS classes.

