

# NIELIT GORAKHPUR

**Course Name:** O Level (1<sup>ST</sup> Sem)  
**Topic:** Cascading Style Sheets (Part 15)

**Subject:** Web Designing and Publishing  
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## Cascading Style Sheets

### Lists styles:

The CSS list properties allow you to:

- Set different list item markers for ordered lists
- Set different list item markers for unordered lists
- Set an image as the list item marker
- Add background colors to lists and list items

### Ordered and Un-ordered List Item Markers

The **list-style-type** property specifies the type of list item marker.

Example:

```
<!DOCTYPE html><html><head><style>
ul.a { list-style-type: circle;}
ul.b { list-style-type: square;}
ol.c { list-style-type: upper-roman;}
ol.d { list-style-type: lower-alpha;}
</style></head>
<body><p>Example of unordered lists:</p>
<ul class="a">
  <li>Coffee</li> <li>Tea</li> <li>Coca Cola</li>
</ul>
<ul class="b">
  <li>Coffee</li> <li>Tea</li> <li>Coca Cola</li>
</ul>
<p>Example of ordered lists:</p>
<ol class="c">
  <li>Coffee</li> <li>Tea</li> <li>Coca Cola</li>
</ol>
<ol class="d">
  <li>Coffee</li> <li>Tea</li> <li>Coca Cola</li>
</ol></body></html>
```

Example of unordered lists:

- Coffee
- Tea
- Coca Cola
  
- Coffee
- Tea
- Coca Cola

Example of ordered lists:

- I. Coffee
- II. Tea
- III. Coca Cola
  
- a. Coffee
- b. Tea
- c. Coca Cola

### An Image as The List Item Marker

The **list-style-image** property specifies an image as the list item marker:

Example:

```
<!DOCTYPE html><html><head><style>
ul {list-style-image: url('sqpurple.gif');}
</style></head>
<body>
<ul> <li>Coffee</li> <li>Tea</li>
  <li>Coca Cola</li></ul>
</body></html>
```

- Coffee
- Tea
- Coca Cola

## Position List Item Markers

The **list-style-position** property specifies the position of the list-item markers (bullet points).

"list-style-position: outside;" means that the bullet points will be outside the list item.

"list-style-position: inside;" means that the bullet points will be inside the list item.

The start of each line of a list item will be aligned vertically. This is default:

### Example:

```
<!DOCTYPE html><html><head><style>
ul.a { list-style-position: outside;}
ul.b { list-style-position: inside;}
</style></head>
<body>
<h1>The list-style-position Property</h1>
<h2>list-style-position: outside (default):</h2>
<ul class="a"> <li>Coffee - A brewed drink prepared from roasted coffee beans,
which are the seeds of berries from the Coffea plant</li>
  <li>Tea - An aromatic beverage commonly prepared by pouring hot or boiling
water over cured leaves of the Camellia sinensis, an evergreen shrub (bush)
native to Asia</li>
  <li>Coca Cola - A carbonated soft drink produced by The Coca-Cola Company.
The drink's name refers to two of its original ingredients, which were kola
nuts (a source of caffeine) and coca leaves</li>
</ul>
<h2>list-style-position: inside:</h2>
<ul class="b"> <li>Coffee - A brewed drink prepared from roasted coffee beans,
which are the seeds of berries from the Coffea plant</li>
  <li>Tea - An aromatic beverage commonly prepared by pouring hot or boiling
water over cured leaves of the Camellia sinensis, an evergreen shrub (bush)
native to Asia</li>
  <li>Coca Cola - A carbonated soft drink produced by The Coca-Cola Company.
The drink's name refers to two of its original ingredients, which were kola
nuts (a source of caffeine) and coca leaves</li>
</ul>
</body></html>
```

### Output:

## The list-style-position Property

### list-style-position: outside (default):

- Coffee - A brewed drink prepared from roasted coffee beans, which are the seeds of berries from the Coffea plant
- Tea - An aromatic beverage commonly prepared by pouring hot or boiling water over cured leaves of the Camellia sinensis, an evergreen shrub (bush) native to Asia
- Coca Cola - A carbonated soft drink produced by The Coca-Cola Company. The drink's name refers to two of its original ingredients, which were kola nuts (a source of caffeine) and coca leaves

### list-style-position: inside:

- Coffee - A brewed drink prepared from roasted coffee beans, which are the seeds of berries from the Coffea plant
- Tea - An aromatic beverage commonly prepared by pouring hot or boiling water over cured leaves of the Camellia sinensis, an evergreen shrub (bush) native to Asia
- Coca Cola - A carbonated soft drink produced by The Coca-Cola Company. The drink's name refers to two of its original ingredients, which were kola nuts (a source of caffeine) and coca leaves

### Exercise:

**1: Write short note on list-style-type, list-style-image and list-style-position Property.**