

# Text and List Formatting

## Web Technologies



Lecture by  
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```
<!doctype html>
<html>
  <head>
    <title>
      Web Technologies
    </title>
    <style>
      p {
        color: ■blue;
      }
    </style>
    <script>
      console.log("client-side");
    </script>
  </head>
  <body>
    <p>
      Welcome!
    </p>
  </body>
</html>
```



# What we will cover

- Text formatting
- List formatting

# Text Columns

## Fossil Threads in the Web of Life

What's 75 million years old and brand spanking new? A teenage Utahceratops! Come to the Saroyan, armed with your best dinosaur roar, when Scott Sampson, Research Curator at the Utah Museum of Natural History, steps to the podium. Sampson's research has focused on the ecology and evolution of late

Cretaceous of Montana, as well as the growth and function of ceratopsid horns and frills.

Following graduation in 1993, Sampson spent a year working at the American Museum of Natural History in New York City, followed by five years as assistant professor of anatomy at the New York College of Osteopathic

functional morphology, and evolution of Late Cretaceous dinosaurs.

In addition to his museum and laboratory-based studies, Sampson has conducted paleontological work in Zimbabwe, South Africa, and Madagascar, as well as the United States and Canada. He was also the on-the-air host for the

# The HTML Code

```
<body>
  <article>
    <h1>Fossil Threads in the Web of Life</h1>
    <p>What's 75 million years old and brand spanking new? A teenage ..
      conducted fieldwork in a number of countries in Africa.</p>
    <p>Scott Sampson is a Canadian-born paleontologist who received his
      growth and function of ceratopsid horns and frills.</p>
    <p>Following graduation in 1993, Sampson spent a year working at the
      morphology, and evolution of Late Cretaceous dinosaurs.</p>
    <p>In addition to his museum and laboratory-based studies, Sampson
      comprehensive surveys of dinosaurs and their worlds to date.</p>
  </article>
</body>
```

# The CSS Code

```
article {  
    width: 754px;  
    padding: 25px;  
    column-count: 3;  
    column-gap: 35px;  
    column-rule: 2px solid black;}  
  
h1 {  
    column-span: all; }
```

# text-transform

Values are:

- none
- capitalize
- uppercase
- lowercase

```
<head>
  <style>
    h1 {text-transform: uppercase; }
  </style>
</head>
<body><h1>Heading example</h1></body>
```

**HEADING EXAMPLE**

# text-decoration

Values are:

- none
- underline
- overline
- line-through
- blink

```
<head>
  <style>
    p{text-decoration: line-through;}
  </style>
</head>
<body><p>Just a text example</p></body>
```

~~Just a text example~~



# list-style-type for <ul>

## Values:

- disc
- circle
- square
- none

```
ul {  
list-style-type: circle;  
}
```

- Apple
- Orange
- Banana

# list-style-type for <ol>

## Values:

- decimal-leading-zero
- decimal
- lower-alpha
- upper-alpha
- lower-roman
- upper-roman

```
ol {  
  list-style-type: lower-alpha;  
}
```

a. Water  
b. Cup  
c. coffee

# list-style-image

Value:

- url (“the name of the image and the extension”)

```
ul {  
  list-style-image: url ("star.png");  
}
```



- ★ Apple
- ★ Orange
- ★ Banana

# The Alignment of List Items

```
<h2>Popular web browsers</h2>
<ul>
  <li>Chrome</li>
  <li>Safari</li>
  <li>Edge</li>
  <li>Firefox</li>
  <li>Opera</li>
</ul>
```

```
ul { padding-left: 1em; }
li {
  padding-left: .25em;
  padding-bottom: .25em;
}
```

## Popular web browsers

- Chrome
- Safari
- Edge
- Firefox
- Opera

# HTML Description Lists

`<dl>`

`<dt>`The term name`</dt>`

`<dd>`The full description of the above term`</dd>`

`<dt>`The term name 2`</dt>`

`<dd>`The second full description of the above second term`</dd>`

`</dl>`

The term name

The full description of the above term

The term name 2

The second full description of the above second term

# Nested List

```
<ul>
  <li>Item One
    <ul>
      <li>second list item 1</li>
      <li>second list item 2</li>
    </ul>
  </li>
  <li>Item Two</li>
</ul>
```

- Item One
  - second list item 1
  - second list item 2
- Item Two

# Try It Yourself

In this activity, you can practice formatting your list and text using new properties. So:

1. Use text-transform and text-decoration properties for your paragraph or heading and try all the values given in slides 7 and 8 to see the difference.
2. Use the list-style-type property to apply different styles for <ul> and <ol> lists that you have.
3. Create a nested list using either <ul> or <ol> as the second list.