Lab 11 Activity 1 - Creating Lists in HTML

Objective - Learn how to structure content using ordered and unordered lists.

1. Create a new file named lists.html.
2. Add an unordered list (<ul>) with five different list items (<li>).
3. Add an ordered list (<ol>) with five different list items.
4. Use the style attribute to modify list styles.
5. Save and open the file in a web browser to verify the output

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Solutions:

Source Code:

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>HTML Lists Example</title>
</head>

<body>

    <h1>Unordered and Ordered Lists</h1>

    <!-- Unordered List -->
    <h2>Unordered List</h2>
    <ul style="list-style-type: square;">
        <li>Apples</li>
        <li>Bananas</li>
        <li>Oranges</li>
        <li>Grapes</li>
        <li>Peaches</li>
    </ul>

    <!-- Ordered List -->
    <h2>Ordered List</h2>
    <ol style="list-style-type: upper-alpha;">
        <li>First item</li>
        <li>Second item</li>
        <li>Third item</li>
        <li>Fourth item</li>
        <li>Fifth item</li>
    </ol>

</body>
</html>
```
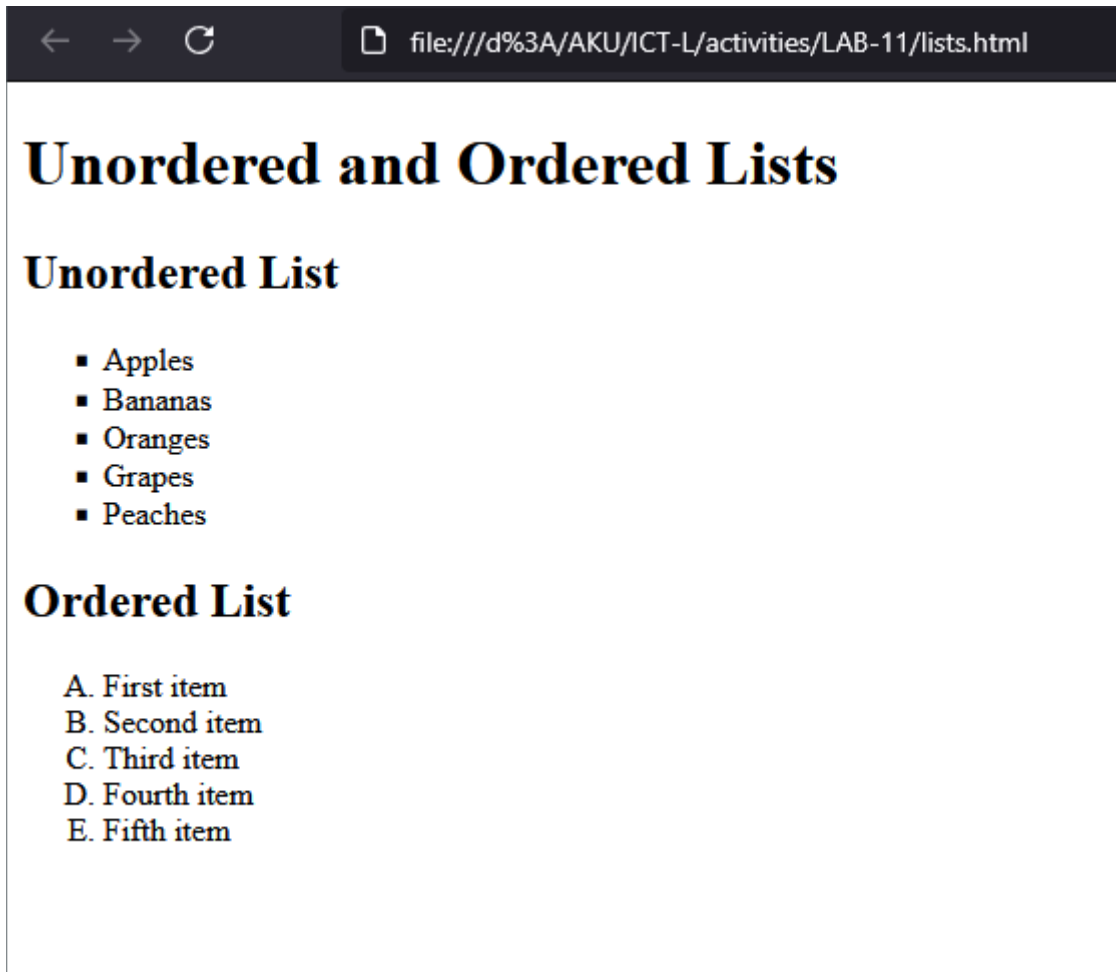
Output:

file:///d%3A/AKU/ICT-L/activities/LAB-11/lists.html

Unordered and Ordered Lists

Unordered List

- Apples
- Bananas
- Oranges
- Grapes
- Peaches

Ordered List

A. First item
B. Second item
C. Third item
D. Fourth item
E. Fifth item

Submitted by Muhammad Hashir Rafique (BSCS)

Lab 11 Activity 2 - Adding Images to HTML

Objective - Learn how to insert and format images in an HTML document.

1. Create a new file named images.html.
2. 2. Insert an image using the <img> tag with the src attribute.
3. 3. Add an alt attribute to provide alternative text.
4. 4. Use width and height attributes to resize the image.
5. 5. Save and open the file in a web browser to verify the image.

Learning Outcomes:
• Create and structure unordered and ordered lists.
• Customize lists using the style attribute.
• Insert images using the <img> tag with relevant attributes.
• Adjust image properties such as size and alternative text.

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Solutions:

Source Code:

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Tree Image Example</title>
</head>

<body>

    <h1>Inserting an Image of a Tree</h1>

    <!-- Image of a tree -->
    <img
src="https://upload.wikimedia.org/wikipedia/commons/thumb/e/eb/Ash_Tree_-
_geograph.org.uk_-_590710.jpg/220px-Ash_Tree_-_geograph.org.uk_-_590710.jpg"
        alt="A beautiful ash tree" width="500" height="333">

    <p>This image displays a beautiful ash tree. The dimensions have been
resized to 500px width and 333px height for better viewing.</p>

</body>

</html>
```
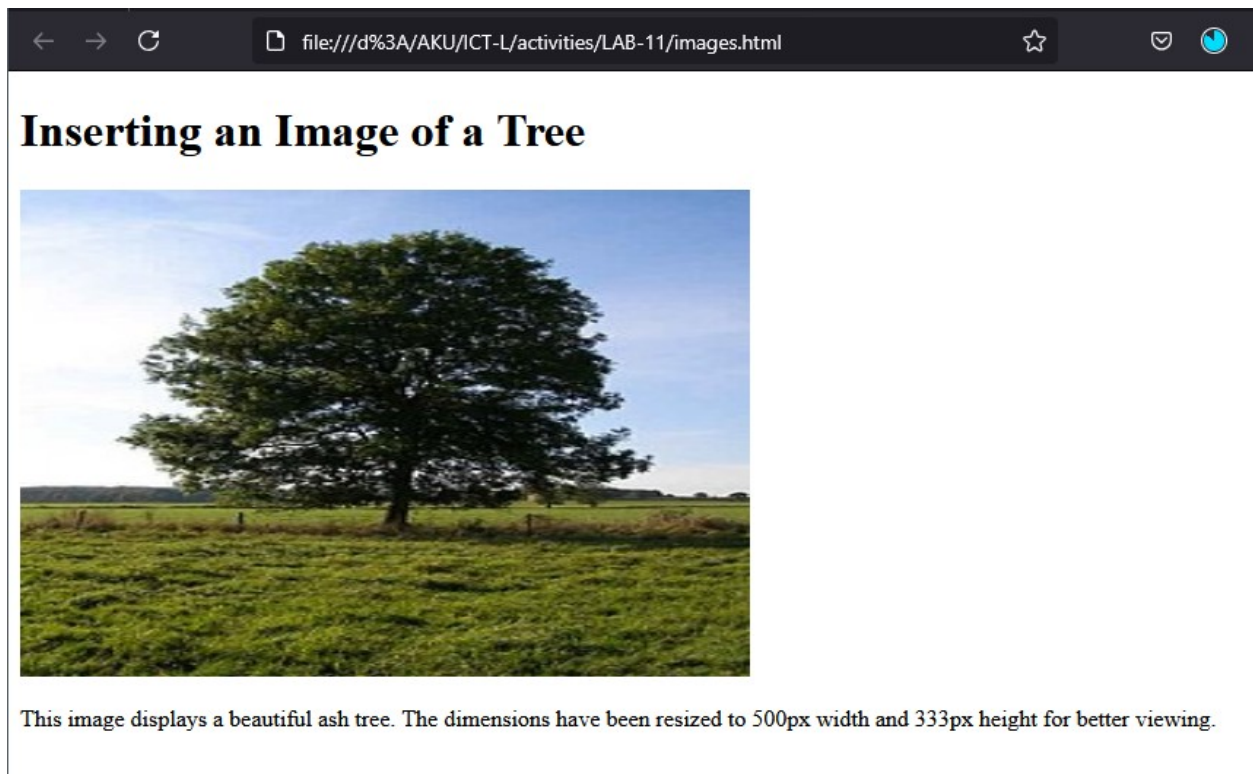
Output:

Inserting an Image of a Tree

This image displays a beautiful ash tree. The dimensions have been resized to 500px width and 333px height for better viewing.

Lab 11 Assignment

Objective: Create an HTML document that includes both an unordered and an ordered list. Also, insert an image and format it appropriately

Instructions:

1. Create a new file named images.html.

2. Insert an image using the <img> tag with the src attribute.

3. Add an alt attribute to provide alternative text.

4. Use width and height attributes to resize the image.

5. Save and open the file in a web browser to verify the image

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Source Code:

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>HTML Lists and Image Example</title>
</head>

<body>

    <h1>Unordered and Ordered Lists with an Image</h1>

    <!-- Unordered List -->
    <h2>Unordered List</h2>
    <ul style="list-style-type: square;">
        <li>Mount Everest</li>
        <li>Base Camp</li>
        <li>Climbing Gear</li>
        <li>Snow and Ice</li>
        <li>High Altitude</li>
    </ul>

    <!-- Ordered List -->
    <h2>Ordered List</h2>
    <ol>
        <li>Reach Base Camp</li>
        <li>Begin Ascent</li>
        <li>Climb to Summit</li>
        <li>Return to Base Camp</li>
        <li>Celebrate Success</li>
    </ol>

    <!-- Image of Mount Everest -->
    <h2>Image of Mount Everest</h2>
    <img
src="https://upload.wikimedia.org/wikipedia/commons/thumb/e/e7/Everest_North_Face_toward_Bas
e_Camp_Tibet_Luca_Galuzzi_2006.jpg/330px-
Everest_North_Face_toward_Base_Camp_Tibet_Luca_Galuzzi_2006.jpg"
        alt="Mount Everest North Face with a view towards Base Camp" width="500"
height="333">

    <p>This is an image of Mount Everest, showing the north face towards Base Camp. The
image is resized to 500px wide and 333px tall for display purposes.</p>

</body>

</html>
```

Output:

Unordered and Ordered Lists with an Image

Unordered List

- Mount Everest
- Base Camp
- Climbing Gear
- Snow and Ice
- High Altitude

Ordered List

1. Reach Base Camp
2. Begin Ascent
3. Climb to Summit
4. Return to Base Camp
5. Celebrate Success

Image of Mount Everest

This is an image of Mount Everest, showing the north face towards Base Camp. The image is resized to 500px wide and 333px tall for display purposes.