Green University of Bangladesh

Department of Computer Science & Engineering

Course Code: CSE-438

Course Title: Web Engineering Lab

Experiment No: 02

Experiment Name: Using HTML tag to create List

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Experiment Name: Using Html Tag to create List

Objective:

List: What is a list?

A list is a record of short pieces of information, such as people's names, usually written or printed with a single thing on each line and ordered in a way that makes a particular thing easy to find.

For example:

- A shopping list
- To-do list

Description:

HTML offers web authors three ways for specifying lists of information. All lists must contain one or more list elements. Lists may contain –

- – An unordered list. This will list items using plain bullets.
- – An ordered list. This will use different schemes of numbers to list your items

HTML Unordered Lists

An unordered list is a collection of related items that have no special order or sequence. This list is created by using HTML **<ul>** tag. Each item in the list is marked with a bullet.

Example

- Beetroot
- Ginger
- Potato
- Radish

Code in HTML

```
<ul>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ul>
```

Output:

- Coffee
- Tea
- Milk

Unordered HTML List - Choose List Item Marker

The CSS list-style-type property is used to define the style of the list item marker

- **Disc**-Sets the list item marker to a bullet (default)
- **Circle**-Sets the list item marker to a circle
- **Square**-Sets the list item marker to a square
- **None**-The list items will not be marked

Example of List Item Marker

```
<ul style="list-style-type:square;">
    <li>Coffee</li>
    <li>Tea</li>
    <li>Milk</li>
</ul>
```

Output:

- Coffee
- Tea
- Milk

HTML Ordered Lists

If you are required to put your items in a numbered list instead of bulleted, then HTML ordered list will be used. This list is created by using **<ol>** tag. The numbering

starts at one and is incremented by one for each successive ordered list element tagged with <li>.

Example

1. Coffee
2. Tea
3. Milk

Code in HTML

```html
<ol>
    <li>Coffee</li>
    <li>Tea</li>
    <li>Milk</li>
</ol>
```

Ordered HTML List - The Type Attribute

- **type="1"**   The list items will be numbered with numbers (default)
- **type="A"**   The list items will be numbered with uppercase letters
- **type="a"**   The list items will be numbered with lowercase letters
- **type="I"**   The list items will be numbered with uppercase roman numbers
- **type="i"**   The list items will be numbered with lowercase roman numbers

Example

```html
<ol type="A">

  <li>Coffee</li>

  <li>Tea</li>

  <li>Milk</li>

</ol>
```

Output

A. Coffee
B. Tea
C. Milk

Nested list:

A nested list or a sub list is a list within a list. The trick to marking nested lists up correctly in HTML is to recognize that the sublist is actually a child of a list item and not of a list.

Example:

```
<ul>
    <li>Fruit
        <ul>
            <li>Bananas</li>
            <li>Apples</li>
            <li>Pears</li>
        </ul>
    </li>
    <li>Vegetables</li>
    <li>Meat</li>
</ul>
```

Output:

- Fruit
    - Bananas
    - Apples
    - Pears
- Vegetables
- Meat

Discussion:

We learn from this experiment what is list and how list markup in html and also we know about the list how many types of list in HTML and how to use these. And also we are able to know how to use Nested list.