



GIFT School of Engineering and Applied Sciences

Fall 2022

**CS-120 Introduction to Information and
Communication Technology**

Lab-08 Manual

HTML Attributes and Inline Styling

v1
28-12-2022

Introduction to Lab-7

This Lab introduces the following concepts of HTML

- HTML Attributes
- HTML Style Attributes
- HTML List Styles (Ordered and Unordered)
- HTML Image Styles
- HTML Table Styles

Learning Outcomes

At the End of this Lab Students will be able to

- Learn about HTML attributes.
- Understand HTML Style Attribute/Inline styling.

1. HTML Attributes.

HTML elements are represented by tags. Tags are written as start tag and end tag. Sometimes we need to provide additional information about an element like element id, element name etc. We use HTML attributes for this purpose.

- HTML attributes are written in the start tag.
- HTML attributes are written in format: attribute-name = attribute-value

For example:

```
<p id="paragraph1">This is a paragraph</p>
```

In paragraph element we need to provide its id. We will write the id="some id" in the start tag of paragraph. The green part represents the code.

Id is attribute name and it has some value.

HTML Attributes Practice.

1. Open notepad.
2. Create a webpage with extension .html
3. Add an element of paragraph and write something about yourself.
4. In the start tag of paragraph add the following code for title of paragraph:

```
title="My Introduction"
```

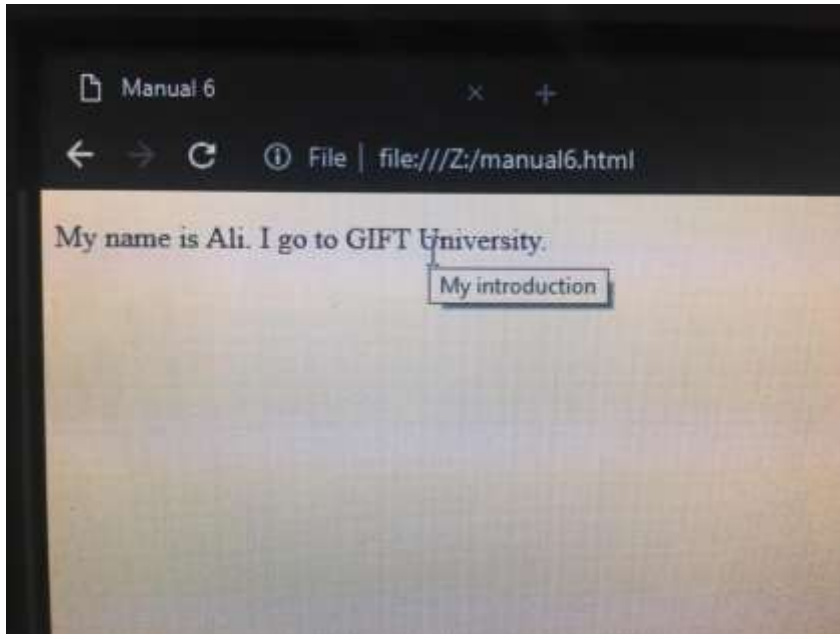


```
<!DOCTYPE html>
<html>

<head>
<title>Manual 6</title>
</head>

<body>
<p title="My introduction">My name is Ali. I go to GIFT University.</p>
</body>
</html>
```

5. Save the document and reload page in browser. Title attribute will add a title to paragraph. When you hover over paragraph it will show the paragraph title.



Task 1:

- Insert heading 1 and write your name in it.
- Add an attribute of title to it.

2. HTML Style Attribute.

One of the most popular html attribute is style attribute. Using this attribute we can stylize HTML elements. we can add many styles like height, width, alignment, font-size etc.

Using style attribute is also called inline styling.

The attribute name is “style” and in attribute value, we define a style for the element.

For example:

```
<p style="color : red">This is Paragraph one.</p>
```

This will add a style to paragraph and the color of text will be red.

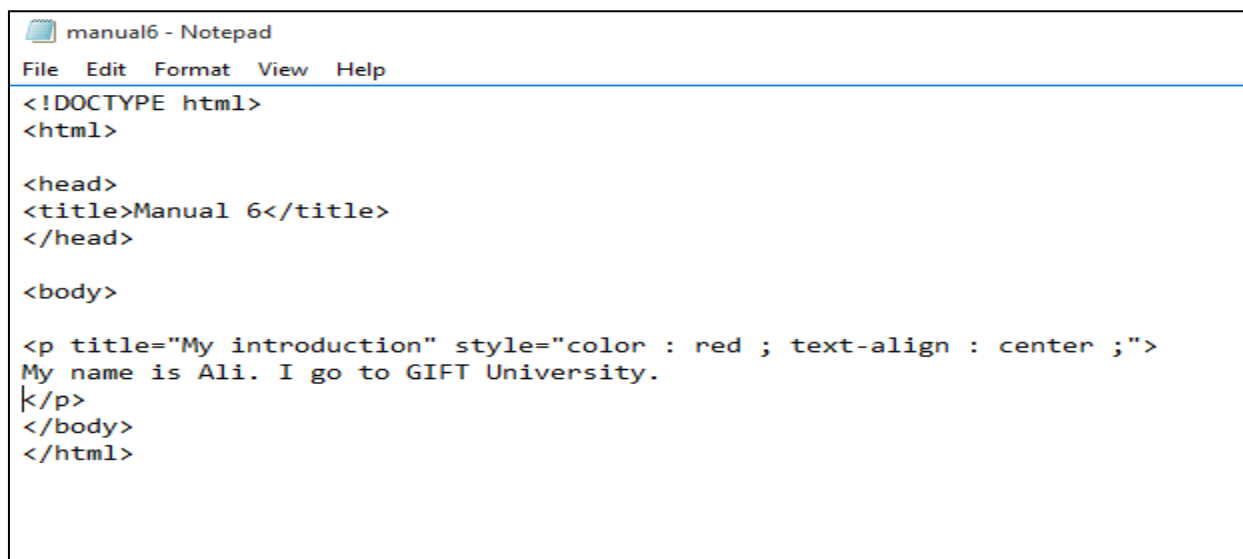
If we want to add more styles at one, we will write the code for style as:

```
style="color : red ; text-align : center;"
```

Style Attribute Practice

1. Write Paragraph in your webpage.
2. In start tag of Paragraph, Write following code for style:

```
style="color : red ; text-align : center;"
```



```
manual6 - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html>

<head>
<title>Manual 6</title>
</head>

<body>

<p title="My introduction" style="color : red ; text-align : center ;">
My name is Ali. I go to GIFT University.
</p>
</body>
</html>
```

3. Save the document and reload page in browser.



Task 2:

- Insert heading 1 and write your name in it.
- Change its color to blue.
- Align it to right.

background-color: Changes the background color of element.

font-family: Changes the font of text.

font-size: Changes the size of text.

Task 3:

- Change background color of page to yellow.
Hint: use style attribute in body tag.

3. List style

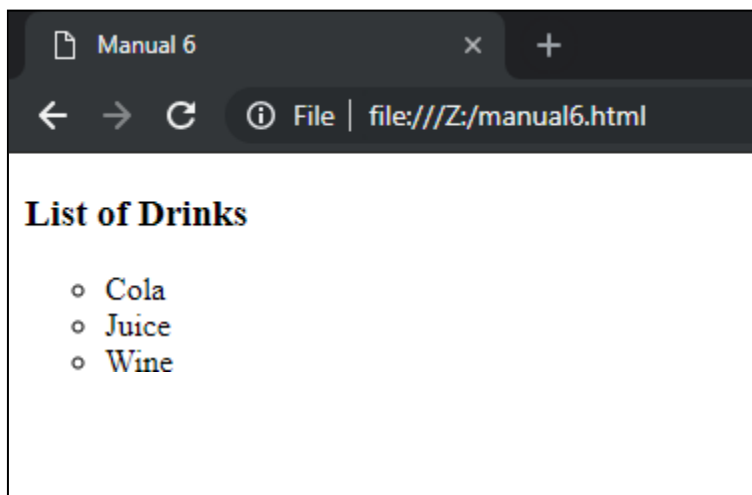
a) Unordered List

1. Add style attribute to tag and change the bullet style:

`style="list-style-type:circle;"`

```
<ul style="list-style-type:circle;">
<li>Cola</li>
<li> Juice</li>
<li>Wine</li>
</ul>
```

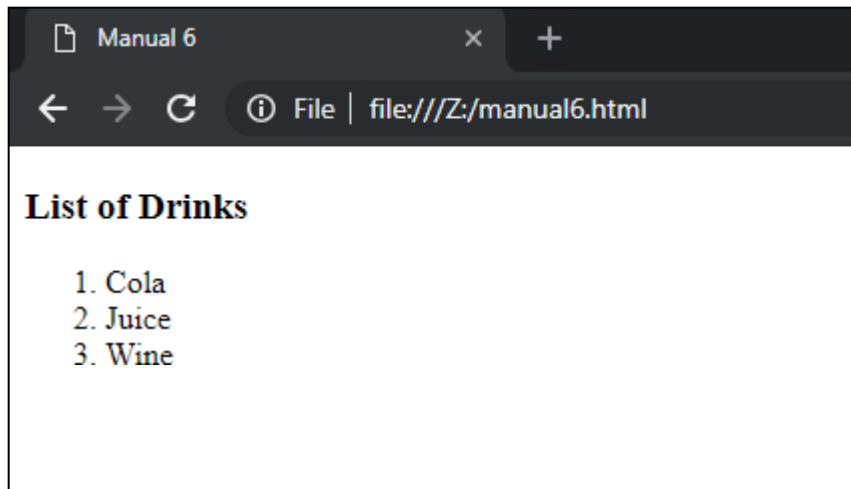
2. Save the document and reload page in browser.



The bullet styles can be: square, circle, none and disc(default).

Practice all bullet styles.

b) Ordered Lists



Ordered list has attribute of type which defines the type of ordering.

type="1" will give the list items numbers 1,2,3,..

type="A" will give the list items numbers A,B,C,..

type="a" will give the list items numbers a,b,c,...

type="I" will give the list items numbers I,II,III,...

type="i" will give the list items numbers I,ii,iii,...

Practice ordered list by adding attribute of type.

4. HTML Images Style

1. Image has attributes to change its width and height. Use attributes to change width and height.

```

```

2. You can also set width and height using style attribute.

```

```

3. Image has an attribute "alt"

```

```


When browser cannot find image it will display the text written in value of **alt**.

Task 4:

- Create a Webpage about yourself.
- Display your picture.
- Write your name and contact on the top.
- Write your achievements and use text formatting.
- Create an ordered list of your previous institutes.
- Style your page using inline styling.

5. HTML Table Style

The tables which we created earlier contained no border.

To add border to the table, we use an attribute named “border” in table start tag.

```
<table border="1"></table>
```

Create a table of drinks and their number and add border to it.

```
<table Border="1">
```

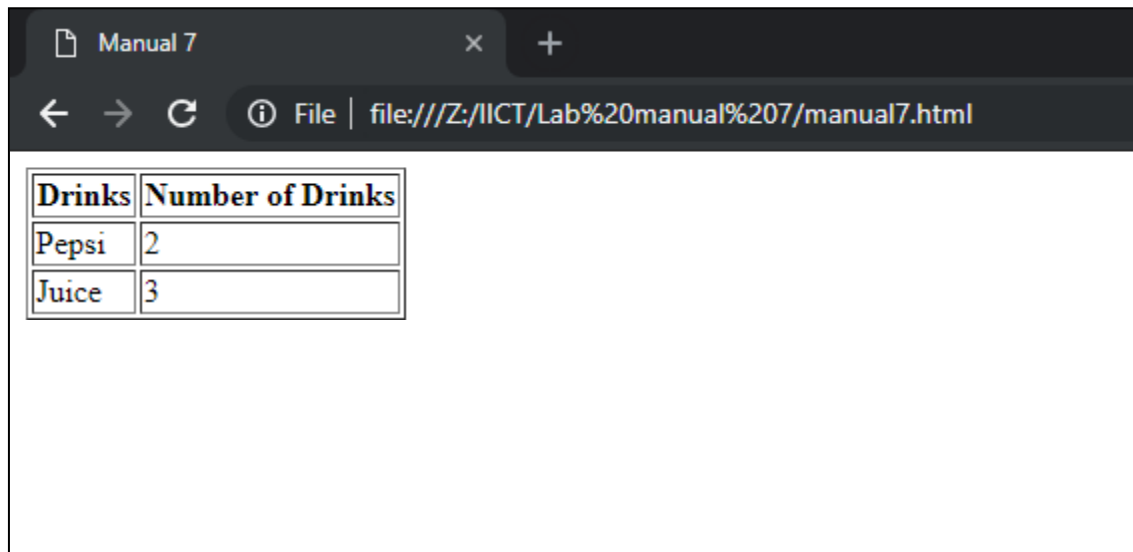
```
<tr><th>Drinks</th><th>Number of Drinks</th></tr>
```

```
<tr><td>Pepsi</td><td>2</td></tr>
```

```
<tr><td>Juice</td><td>3</td></tr>
```

```
</table>
```

Save the document and reload the page in browser.



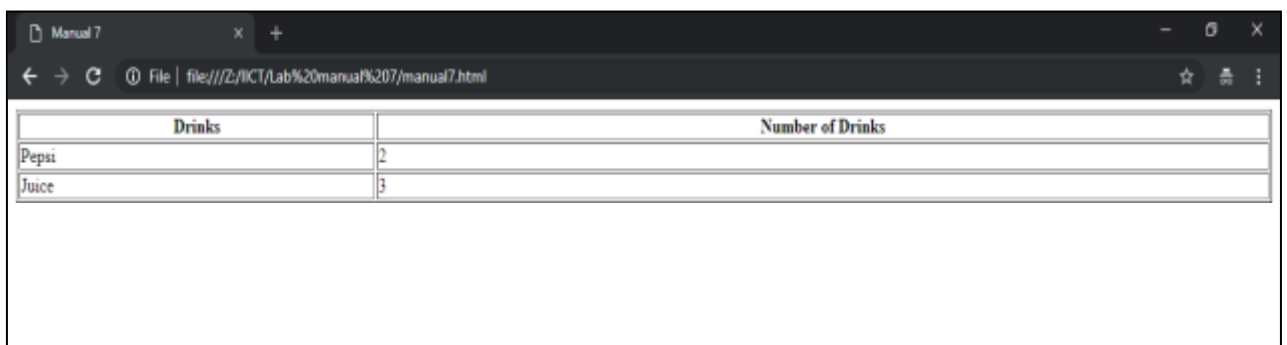
Set Table width

You can set table width by style attribute(inline styling).

1. Simply write the style attribute in table start tag as:

```
<table border="1" style="width:100%">
```

2. Save the file and reload page in browser.

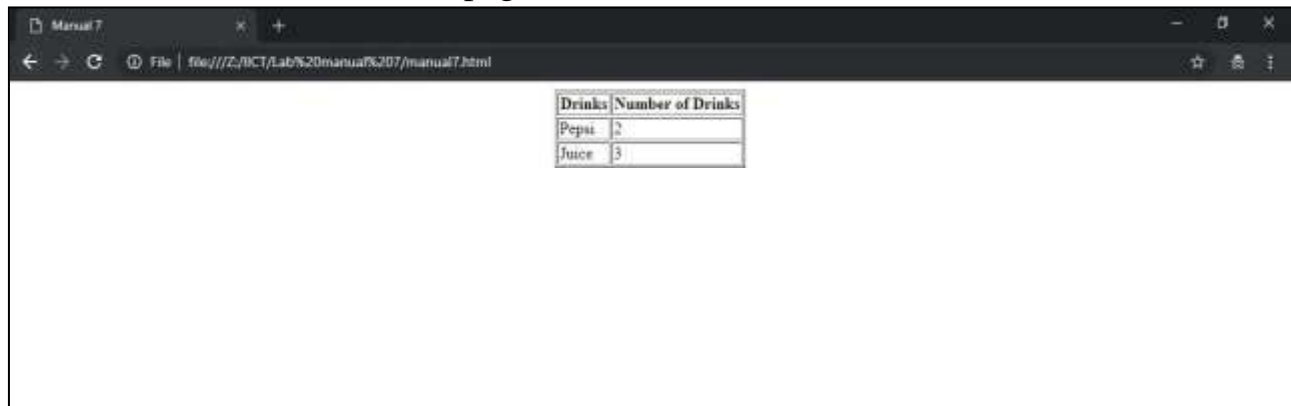


Align table to center.

You can align table to center, right, left by attribute named “align”.

```
<table border="1" align="center"></table>
```

Save the document and reload page in browser.



So, Now you know basic html tags and basic inline styling. Use this knowledge and perform Task 5.

Task 5:

1. Create a page that has a title of “MY CV”.
2. Write you name in heading 1 and align it to right.
3. Write you email in heading 4 and align it to right.
4. Write “My objective” as heading 3 and align it to right.
5. Write Paragraph of your objective and align it to right.
6. Write “My Education” as heading 3 and align it to right.
7. Create a table enter data of Degree name, Institute