

HTML id & class attribute and div Tag

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- **HTML id attribute**

The HTML id attribute is used to specify a unique id for an HTML element.

You cannot have more than one element with the same id in an HTML document.

The id attribute specifies a unique id for an HTML element. The value of the id attribute must be unique within the HTML document.

The id attribute is used to point to a specific style declaration in a style sheet. It is also used by JavaScript to access and manipulate the element with the specific id.

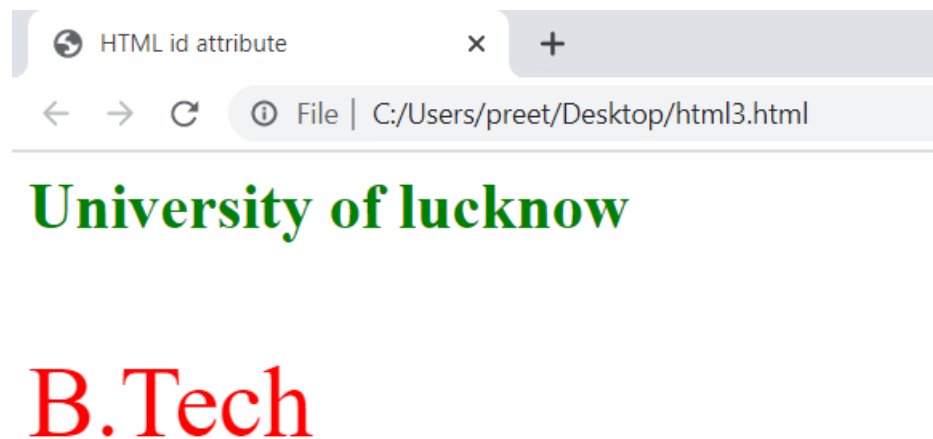
The syntax for id is: write a hash character (#), followed by an id name. Then, define the CSS properties within curly braces {}.

Code:

```
<html>
<head>
<title> HTML id attribute </title>
<style>
#heading
{
color: green;
}
#para {
color: red;
font-size: 50px;
}
</style>
</head>
```

```
<body>
<h1 id="heading"> University of lucknow</h1>
<p id="para">B.Tech</p>
<body>
</html>
```

Output:



- **HTML class attribute**

The HTML class attribute is used to specify a class for an HTML element.

Multiple HTML elements can share the same class.

The class attribute is often used to point to a class name in a style sheet. It can also be used by a JavaScript to access and manipulate elements with the specific class name.

To create a class; write a period (.) character, followed by a class name. Then, define the CSS properties within curly braces {}

Code:

```
<html>

<head>

<title> Class attribute in html

</title>

<style>

.college {

    color: green;

    font-size: 30px

}

.course {

    color: red;

    font-size: 60px

}

</style>

</head>

<body>

<h2 class="college">University of lucknow</h2>

<p class="course">B.A</p>

<h2 class="college">BBD university</h2>

<p class="course" >MBA</p>

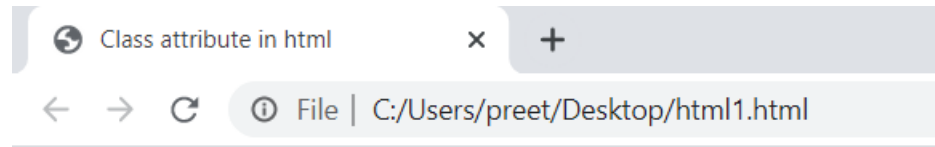
<h2 class="college">SRM university</h2>

<p class="course">B.Tech</p>
```

</body>

</html>

Output:



University of lucknow

B.A

BBD university

MBA

SRM university

B.Tech

- **Multiple Classes**

HTML elements can belong to more than one class.

Code:

```
<html>

<head>

<title> Class attribute in html

</title>

<style>

.college {

    color: green;

    font-size: 30px

}

.course {

    color: red;

    font-size: 60px

}

.ab {

    text-align: center;

}

</style>

</head>

<body>

    <h2 class="college">University of lucknow</h2>

    <p class="course">B.A</p>

    <h2 class="college ab">BBD university</h2>

    <p class="course ab">MBA</p>

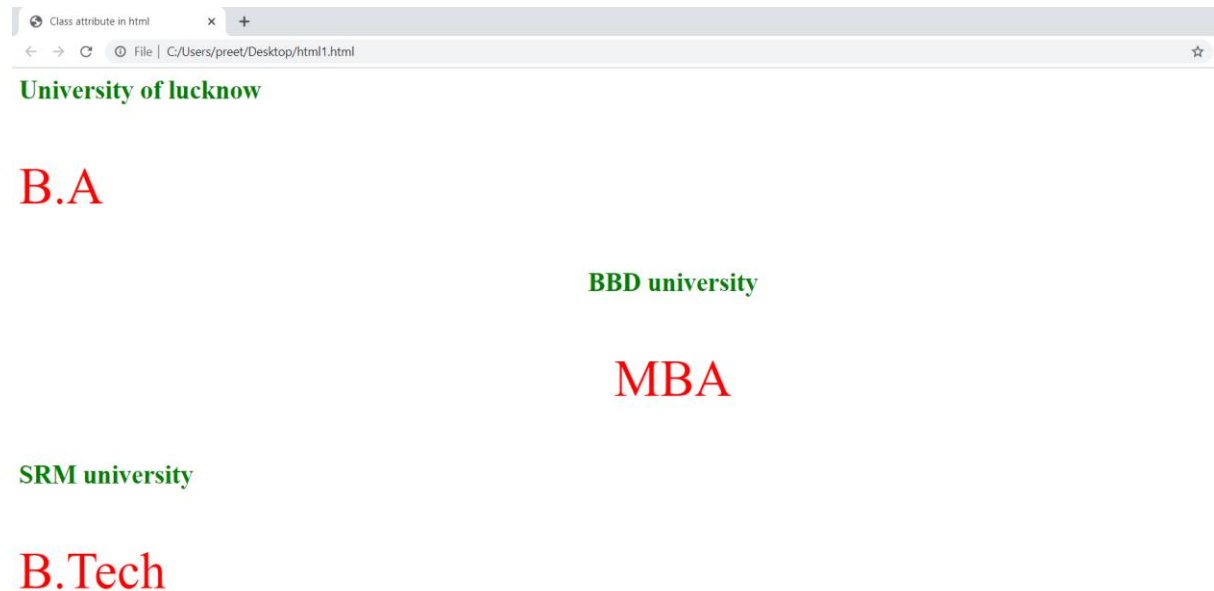
    <h2 class="college">SRM university</h2>
```

```
<p class="course">B.Tech</p>
```

```
</body>
```

```
</html>
```

Output:



HTML div Tag

The <div> tag defines a division or a section in an HTML document.

The <div> tag is used as a container for HTML elements - which is then styled with CSS or manipulated with JavaScript.

The <div> tag is easily styled by using the class or id attribute.

Syntax:

```
<body>
```

```
<div class="fdiv">
```

```
<h1 >University of lucknow</h1>
```

```
<p >B.Tech</p>
```

```
</div>
```

```
<body>
```

Code:

```
<html>

<head>

<title> div in html

</title>

<style>

.college {

    color: green;

    font-size: 40px

}

</style>

</head>

<body>

<div class="college">

    <h2>University of lucknow</h2>

    <p>B.A</p>

    <h2>BBD university</h2>

    <p>MBA</p>

    <h2>SRM university</h2>

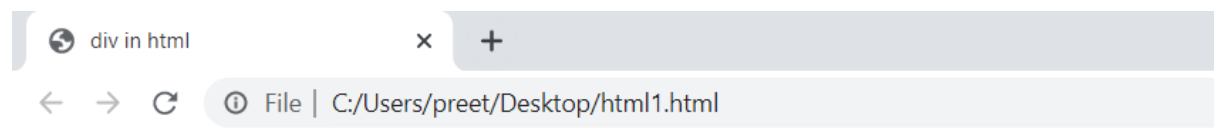
    <p>B.Tech</p>

</div>

</body>

</html>
```


Output:



University of lucknow

B.A

BBD university

MBA

SRM university

B.Tech

References

1. Xavier, C, " Web Technology and Design" , New Age International.
2. Ivan Bayross," HTML, DHTML, Java Script, Perl & CGI", BPB Publication.
3. Deitel, "Java for programmers", Pearson Education.
4. Ramesh Bangia, "Internet and Web Design", New Age International.
5. Jackson, "Web Technologies" Pearson Education.

6. Patel and Barik, "Introduction to Web Technology & Internet", Acme Learning