Stay classy with
Classes

CLASS - 7

A class taught by

CodeWizardsHQ

Code Wizards HQ

Last week,

★ Introduction to CSS

★ Three ways of adding CSS

★ Basic CSS properties like color, background-color etc.

Show & Tell

" Time to show awesome webpages you made "

.Class

" Classes are used to give same styles to a number of HTML elements"

What problem is "class" solving?

Code

```
<h1> This is red. </h1>

<p> This is red too. </p>

-- CSS --

<style>
h1 {
  color:red;
}
p {
  color:red;
}
</style>
```

Output

This is red.

This is red too.

Use of class

```
<h1 class = "red">
    This is red.
</h1>

<p class = "red">
    This is red too.
</p>

<style>
.red {
  color:red;
}
</style>
```

This is red.

This is red too.

Style with tags vs class

```
<h1> This is red. </h1>

<p> This is red too. </p>

-- CSS --
<style>
h1 {
  color:red;
}

p {
  color:red;
}
</style>
```

```
<h1 class = "red">
    This is red.
</h1>

<p class = "red">
    This is red too.
</p>

--CSS--
<style>
.red {
  color:red;
}
</style>
```

HTML Syntax

```
<p class="class-name"> </p>
```

CSS Syntax

```
.class-name {
  property : value;
}
```

Classes in CSS start with a . (dot) in front of them.

After . comes the class name that we gave in html

Rest of the syntax is same as any other selector.

.class

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Exercise 7.1

Canyon Vista Times

"Give class 'mycolor' to <h1> and style it with black color via CSS."

CHEAT CODES

```html
<!-- Adding class to HTML -->
<p class="class-name"> </p>
```

```css
/* Adding CSS to class */
.class-name {
    property:value;
}
```

```css
/* Adding Color in CSS */
.class-name {
    color:name of color;
}
```

7.1 Give style color to mycolor class

Code

```
<h1 class="mycolor">
    Canyon Vista Times
</h1>


--CSS--
<style>
.mycolor {
  color:black;
}
</style>
```

Output

Canyon Vista Times

Multiple Elements

"Giving same class to multiple HTML elements"

Giving same class to different elements

HTML Syntax

```
<h1 class="class1"> </h1>
<p class="class1"> </p>
```

To give same class named class1 to elements h1 and p.

CSS Syntax

```
.class1 {
property : value;
}
```

No change in CSS.

Exercise 7.2

Canyon Vista Times

More reasons to play and get outdoors

Be ready for a new park & a Basketball court.

"Give same class 'mycolor' to <h2> and <h3> tags as well"

CHEAT CODES

```html
<!-- Adding class to HTML -->
<p class="class-name"> </p>
```

```css
/* Adding CSS to class */
.class-name {
    property:value;
}
```

```css
/* Adding Color in CSS */
.class-name {
    color:name of color;
}
```

7.2 Add mycolor class to multiple elements

Code

```
<h1 class="mycolor"> Canyon Vista Times </h1>
<h2 class="mycolor">
     More reasons to play and get outdoors.
</h2>
<h3 class="mycolor">
     Be ready for a new park & a Basketball
court.
</h3>


--CSS--
<style>
.mycolor {
   color:black;
}
</style>
```

Output

Canyon Vista Times

More reasons to play and get outdoors

Be ready for a new park & a Basketball court.

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Multiple Classes

" Giving multiple classes to the same HTML element "

Giving two classes to the same element

HTML Syntax

```
<p class="class1 class2">.</p>
```

To give two classes to single element, just separate them by space.

CSS Syntax

```
.class1 {
 property : value;
}


.class2 {
 property : value;
}
```

Style the second class using same Syntax.

Font-style: let you make the text italicized or sloped.

Code

```
<p class="mycolor italic">
  This text should be italic.
</p>

<style>
.mycolor {
    color:black;
}
.italic {
  font-style: italic;
}
}
</style>
```

Output

This text should be italic.

Canyon Vista Times

Be ready for a new park & a Basketball court.

Exercise 7.3

"Add second class to <h3> which turns it italic"

CHEAT CODES

```html
<!-- Adding classes to HTML -->
<p class="class1 class2"> </p>
```

```css
/* Adding CSS to class */
.class-name {
    property:value;
}
```

```css
/* Adding Color in CSS */
.class-name {
    color:name of color;
}
```

```css
/* Adding font-properties */
.class-name {
    font-style:italic | oblique | normal;
}

/* Choose one of the values separated by | */
```

7.3 Give second class to h3 tag

Code

```
<h1 class="mycolor"> Canyon Vista Times </h1>

<h3 class="mycolor italic">
    Be ready for a new park & a Basketball
court.
</h3>

<style>
.mycolor {
  color:black;
}
.italic {
  font-style:italic;
}
</style>
```

Output

Canyon Vista Times

Be ready for a new park & a Basketball court.

Multiple Styles

" Giving multiple styles to a single class "

Giving multiple style to same class

HTML Syntax

```
<p class="class1">.</p>
```

No change to
the HTML tag.

CSS Syntax

```
.class1 {
 property1 : value;
 property2 : value;
}
```

Add more
property
value pairs.
Use the same
syntax.

Font-size: controls the size of text

Code

```
<p class="content">
    This is some paragraph here
</p>

--CSS--
<style>
.content {
  color:black;
  font-size:19px;
}
```

Output

This is some paragraph here

Font-weight: decides the thickness of text

```
<p class="content">
    This is some paragraph here.
</p>


<style>
.content {
  color:black;
  font-size: 19px;
  font-weight: bold;
}
</style>
```

This is some paragraph here.

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Canyon Vista
Times

Exercise 7.4

"Give class bigger to h1 tag and style it with font size 100px amd font-weight bold"

CHEAT CODES

```
<!-- Adding class to HTML -->
<p class="class-name"> </p>
```

```
/* Adding CSS to class */
.class-name {
    property:value;
}
```

```
/* Adding Color in CSS */
.class-name {
    color:name of color;
}
```

```
/* Adding font-properties */
.class-name {
    font-size:20px;
    font-weight:bold | normal | light;
    font-style:italic | oblique | normal;
}

/* Choose one of the values separated by | */
```

7.4 Practicing font-size and font-weight below

Code

```
<h1 class="mycolor bigger">
    Canyon Vista Times.
</h1>

<style>
.bigger {
  font-size:100px;
  font-weight:bold;
}
</style>
```

Output

Canyon Vista Times

Exercise 7.5

Output

The council today announced that our neighbourhood will be getting a new fun park on the barren land that today lays on the corner.

"Give class 'content' to <p> tag and style it with color black and font-size 19px"

CHEAT CODES

```
<!-- Adding class to HTML -->
<p class="class-name"> </p>
```

```
/* Adding CSS to class */
.class-name {
    property:value;
}
```

```
/* Adding Color in CSS */
.class-name {
    color:name of color;
}
```

```
/* Adding font-properties */
.class-name {
    font-size:20px;
    font-weight:bold | normal | light;
    font-style:italic | oblique | normal;
}

/* Choose one of the values separated by | */
```

7.5 Give class content to p tag and style it

Code

```
<p class="content">
      The council today announced that our
neighbourhood will be getting a new fun park on
the barren land that today lays on the corner.
</p>

<style>
.content {
  color: black;
  font-size:19px;
}
</style>
```

Output

The council today announced that our neighbourhood will be getting a new fun park on the barren land that today lays on the corner.

Before next class,

★ Add another section to the newspaper
★ Create a page that divides biodegradable waste from non biodegradable waste. Starter files have already been given to you.
★ Answer the quiz
★ Get excited!

Today we learned,

★ What are classes and how to use them?

★ Giving same class to multiple HTML elements

★ Giving multiple classes to same element

★ Multiple styles to a single class

★ Exercise using classes in HTML & CSS

★ Don't forget to take the quiz at the platform.

```css
/* Adding width and height */
.class-name {
    width:100px;
    height:100px;
}
```

Width & Height

Width & Height

Code

```
<h1 class="my-color"> Canyon Vista Times </h1>
<h2 class="my-color italic">
    More reasons to play and get outdoor.
</h2>
<p class=" content my-color">
      Be ready for a new park & a Basketball
court.
</p>

<style>
.italic {
    width:150px;
}
</style>
```

Output

Canyon Vista Times

More reasons
to play and get
outdoor.

Be ready for a new park & a Basketball court