

html5 fundamentals

01.first website

software, user interface, user experience

a tune of better world

virtual marketing

success

source

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title> idol wave </title>
```

</head>

<body>

<h1> software, user interface, user experience </h1>

<p> a tune of better world </p>

<h2> virtual marketing </h2>

<p> success </p>

</body>

</html>

save as

text.html

02a.line brake

software,user inreface,user experience

a tune of better world

virtual marketing

success

source

```
<!doctype html>

<html>

<head>

<title> idol wave </title>

</head>

<body>

<h1> software,user inreface,user experience </h1>

<p> a tune of better world </p>

<br>

<br>

<br>

<br>

<br>

<h2> virtual marketing </h2>

<p> success </p>

</body>

</html>
```

02b.! sign

software,user inreface,user experience

a tune of better world

virtual marketing

success

source

```
<!doctype html>

<html>

<head>

<title> idol wave </title>

</head>

<body>

<h1> software,user inreface,user experience </h1>

<p> a tune of better world </p>

<br>

<br>

<br>

<br>

<br>

<! nothing will show for exclamation sign>

<h2> virtual marketing </h2>

<p> success </p>

</body>

</html>
```

02c.without ! sign

software,user inreface,user experience

a tune of better world

<!--will show for exclamation sign-->

virtual marketing

success

source

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
</head>
<body>
<h1> software,user inreface,user experience </h1>
<p> a tune of better world </p>
<br>
<br>
<br>
<br>
<br>
<!--will show for exclamation sign-->
<h2> virtual marketing </h2>
<p> success </p>
</body>
</html>
```

02d.space in text

software,user inreface,user experience

a tune of better world

virtual marketing

success

source

```
<!doctype html>

<html>

<head>

<title> idol wave </title>

</head>

<body>

<h1> software,user inreface,user experience </h1>

<p> a tune of better world </p>

<br>

<br>

<br>

<br>

<br>

<h2> virtual                  marketing </h2>

<p> success </p>

</body>

</html>
```

03a.ul (unordered list)

- cd
- dvd
- blu ray

source

```
<!doctype html>
<html>
```

```
<head>
<title> idol wave </title>
</head>
<body>
<ul>
<li> cd </li>
<li> dvd </li>
<li> blu ray </li>
</ul>
</body>
</html>
```

03b.ol (order list)

- cd
- dvd
- blu ray

1. cd
2. dvd
3. blu ray

source

```
<!doctype html>
<html>
```

```
<head>
<title> idol wave </title>
</head>
<body>
<ul>
<li> cd </li>
<li> dvd </li>
<li> blu ray </li>
</ul>
<ol>
<li> cd </li>
<li> dvd </li>
<li> blu ray </li>
</ol>
</body>
</html>
```

04a.table-01

| | | |
|--------------------|-------------------|--------------------|
| the planets | the oceans | the deserts |
| earth | pacific | sahara |

source

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
</head>
```



```
<body>
<table>
<tr>
<th> the planets </th>
<th> the oceans </th>
<th> the deserts </th>
</tr>
<tr>
<td> earth </td>
<td> pacific </td>
<td> sahara </td>
</tr>
</table>
</body>
</html>
```

04b.table-02

| the planets | the oceans | the deserts |
|--------------------|-------------------|--------------------|
| earth | pacific | sahara |
| pluto | atlantic | gobi |

source

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
</head>
```

```
<body>
<table>

<tr>

<th> the planets </th>
<th> the oceans </th>
<th> the deserts </th>

</tr>

<tr>

<td> earth </td>
<td> pacific </td>
<td> sahara </td>

</tr>

<tr>

<td> pluto </td>
<td> atlantic </td>
<td> gobi </td>

</tr>

</table> </body> </html>
```

05.adding links

please click on this link [idol wave](#)

source

```
<!doctype html>

<html>

<head>

<title> idol wave </title>

</head>
```

```
<body>
<p> please click on this link
<a href="http://idolwave.org/"> idol wave </a>
</p>
</body>
</html>
```

06.creating a link in same page

- [birds section](#)
- [ducks section](#)

this is the article about birds.

[this is the article about ducks.](#)

source

```
<!doctype html>
<html>
<head>
<title>idol wave</title>
```

</head>

<body>

 birds section

 ducks section

<p> this is the article about birds. </p>

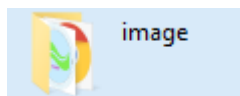

```

<br>
<br>
<br>
<br>
<br>
<br>
<br>
<br><br><br><br><br><br><br><br><br>
<br><br><br><br><br><p>
  <a name="ducks"> this is the article about ducks. </a></p>
</body>
</html>

```

07. adding Image

idol wave



source

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
</head>
<body>
<h1>idol wave</h1>
<p>  </p>
</body>
</html>
```

08. resize Image

idol wave



source

```
<!doctype html>

<html>

<head>

<title> idol wave </title>

</head>

<body>

<h1>idol wave</h1>

<p>  </p>

</body>

</html>
```

09. parent element & child element relation

```
<!doctype html>

<html>

<head>

<title>  </title>

</head>

<body>           parent element

<h1> </h1>

<p>  </p>        child element

</body>
```

</html>

10a. text box

source

<!doctype html>

<html>

<head>

<title> idol wave </title>

</head>

<body>

<form action="" method="">

```
<input type="text" name="">  
<!--Input elements go in here-->  
</form>  
</body>  
</html>
```

10b. text box

source

```
<!doctype html>  
<html>  
<head>  
<title> idol wave </title>  
</head>  
<body>  
<form action="" method="">
```

```
<input type="text" name="">  
<input type="text" name="">  
<!--Input elements go in here-->  
</form>  
</body>  
</html>
```

10c. text box

source

```
<!doctype html>  
<html>
```

```
<head>
<title> idol wave </title>
</head>
<body>
<form action="" method="">
<input type="text" name="">
<br>
<br>
<input type="text" name="">
<!--Input elements go in here-->
</form>
</body>
</html>
```

11a. text box with label

first name:

source:

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
</head>
<body>
```

```
<form action="" method="">
<label for="firstname"> first name:</label>
<input type="text" id="firstname" name="">
<br>
<br>
<input type="text" name="">
<!--Input elements go in here-->
</form>
</body>
</html>
```

11b. text box with label

first name:

last name:

source:

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
```



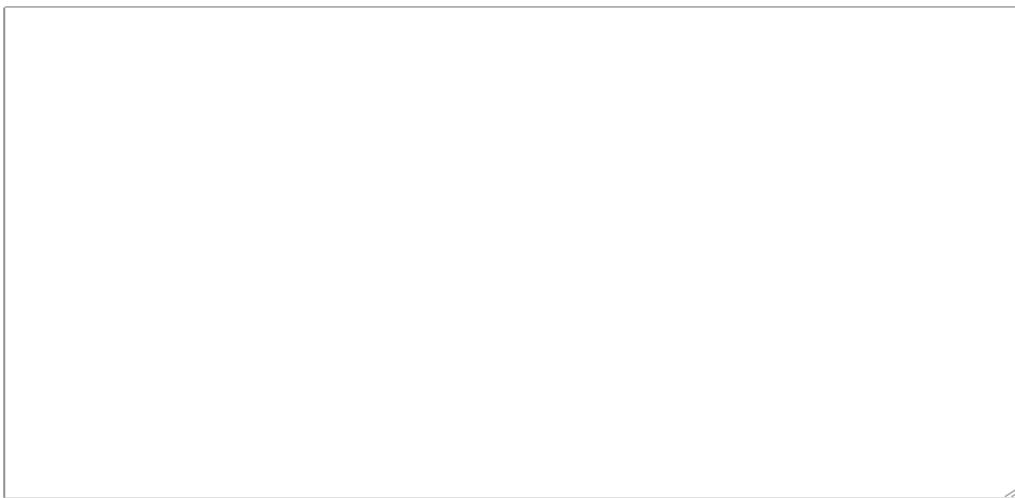
```
</head>
<body>
<form action="" method="">
<label for="firstname"> first name:</label>
<input type="text" id="firstname" name="">
<br>
<br>
<label for="lastname"> last name:</label>
<input type="text" id="lastname" name="">
<!--Input elements go in here-->
</form>
</body>
</html>
```

12a. multi line text box

source:

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
</head>
<body>
<form action="" method="">
<textarea rows="10" cols="40"></textarea></br>
</form>
</body>
</html>
```

12b. multi line text box big



source:

```
<!doctype html>

<html>

<head>

<title> idol wave </title>

</head>

<body>

<form action="" method="">

<textarea rows="30" cols="80"></textarea></br>

</form>

</body>

</html>
```

12c. multi line text box with heading

coments:

source:

```
<!doctype html>

<html>

<head>

<title> idol wave </title>

</head>

<body>

<form action="" method="">

coments: </br>

<textarea rows="30" cols="80"></textarea></br>

</form>

</body>

</html>
```

12d. multi line text box with submit button

coments:

submit

source:

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
</head>
<body>
<form action="" method="">
coments: </br>
<textarea rows="30" cols="80"></textarea></br>
<input type="submit" value="submit">
</form>
</body>
</html>
```

13a. radio buttons

yes: ☒ yes: ☐
no: ☐ no: ☒

source:

```
<!doctype html>
```

```

<html>
<head>
<title> idol wave </title>
</head>
<body>
<form action="" method="">
yes:
<input type="radio" name="yesorno" value=""> </br>
no: <input type="radio" name="yesorno" value="">
</form>
</body>
</html>

```

13b. radio buttons

yes: ☒

no: ☐

source:

```

<!doctype html>
<html>
<head>

```

```

<title> idol wave </title>

</head>

<body>

<form action="" method="">

yes:

<input type="radio" name="yesorno" value=""> </br>

no:

<input type="radio" name="yesorno1" value="">

</form>

</body>

</html>

```

14a. check box

which subjects are you interested in?

- ☒ football
- ☐ basketball
- ☐ baseball
- ☐ hockey

which subjects are you interested in?

- ☒ football
- ☐ basketball
- ☒ baseball
- ☐ hockey

which subjects are you interested in?

- ☒ football
- ☒ basketball
- ☒ baseball
- ☒ hockey

source:

```
<!doctype html>
```

```
<html>
```

```

<head>

<title> idol wave </title>

</head>

<body>

<form action="" method="">

which subjects are you interested in? <br>

<input type="checkbox" name=""> football <br>

<input type="checkbox" name=""> basketball <br>

<input type="checkbox" name=""> baseball <br>

<input type="checkbox" name=""> hockey

</form>

</body>

</html>

```

14b. check box

which subjects are you interested in?

- ☒ football
- ☐ basketball
- ☐ baseball
- ☐ hockey

which subjects are you interested in?

- ☐ football
- ☐ basketball
- ☐ baseball
- ☐ hockey

which subjects are you interested in?

- ☒ football
- ☒ basketball
- ☒ baseball
- ☒ hockey

source:

```
<!doctype html>
```

```
<html>
```



```
<head>

<title> idol wave </title>

</head>

<body>

<form action="" method="">

which subjects are you interested in? <br>

<input type="checkbox" name="" checked="checked"> football <br>

<input type="checkbox" name=""> basketball <br>

<input type="checkbox" name=""> baseball <br>

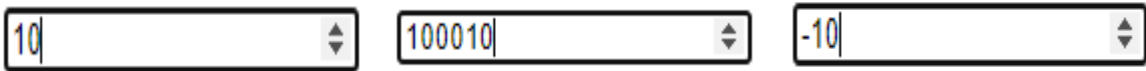
<input type="checkbox" name=""> hockey

</form>

</body>

</html>
```

15a. input number box

Three input number boxes are shown side-by-side. The first box contains the value '10', the second box contains '100010', and the third box contains '-10'. Each box has a small up/down arrow icon on the right side, indicating it is a numeric input field.

source:

```
<!doctype html>

<html>

<head>

<title> idol wave </title>
```

```
</head>
<body>
<form action="" method="">
<input type="number">
</form>
</body>
</html>
```

15b. input number box with range



0 50

source:

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
```

```
</head>
<body>
<form action="" method="">
<input type="number" min="0" max="50">
</form>
</body>
</html>
```

16.drop down list

source:

```
<!doctype html>
<html>
<head>
```

```
<title> idol wave </title>

</head>

<body>

<form action="" method="">

<select>

<option value="michigan">michigan</option>

<option value="alabama">alabama</option>

<option value="north dakota">north dakota</option>


</select>


</form>

</body>

</html>
```

17.date & number box

enter day you want to travel to cancun: 

number of days: 

source:

```
<!doctype html>


<html>

<head>

<title> idol wave </title>
```

```
</head>
<body>
<from>
enter day you want to travel to cancun:
<input type="date" name="day">
</br>
number of days: <input type="number" name="numdays" min="01" max="10">
</from>
</body>
</html>
```

18a.fieldbox and legend elements

enter day you want to travel to cancun: 

number of days:


name:

source:

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
```

```
</head>
<body>
<from>
enter day you want to travel to cancun:
<input type="date" name="day">
</br>
number of days: <input type="number" name="numdays" min="01" max="10">
<br><br>
name: <input type="text">
</from>
</body>
</html>
```

18b.fieldbox and legend elements

| | | |
|---|---|---|
| enter day you want to travel to cancun: | <input type="text" value="mm/dd/yyyy"/> |  |
| number of days: | <input type="text" value="1"/> | |
| name: | <input type="text"/> | |


source:

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
```

```
</head>
<body>
<from>
<fieldset>
enter day you want to travel to cancun:
<input type="date" name="day">
</br>
number of days: <input type="number" name="numdays" min="01" max="10">
<br><br>
name: <input type="text">
</fieldset>
</from>
</body>
</html>
```

18c.fieldbox and legend elements

enter day you want to travel to cancun:



number of days:

name:

source:

```
<!doctype html>
<html>
```

```
<head>
<title> idol wave </title>
</head>
<body>
<from>
<fieldset>
<legend>enter day you want to travel to cancun:</legend>
<input type="date" name="day">
<br><br>
number of days: <input type="number" name="numdays" min="01" max="10">
<br><br>
name: <input type="text">
</fieldset>
</from>
</body>
</html>
```

19.attributes

attributes:

<p> </p>

<h1> </h1>

<body> </body>

<p class="test"> some text in this paragraph </p>

<label for="name"> name </label>

Here,

<p class="test">

<label for = "name">

are attributes.

20.the meta element

meta:

<!doctype html>

<html>

<head>

<title> idol wave </title>

```
<meta name="description" content="this is a web age about
information technology. we cover all the websites, graphics and
advertisement in the world."/>
<meta name='keywords' content="website, graphics, advertising./>
<meta http-equiv="content-language" content="en-us"
</head>
<body>
<div>
</div>
</body>
</html>
```

21.escape characters

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
</head>
<body>
```

<p>attribute character abbreviation coding </p>

</body>

</html>

Space -----

TM ----- ™

& ----- &

© ----- ©

< ----- <

> ----- >

? ----- ?

22. bold and italic elements

this is a **bold element** .

this is a **strong element** .

this is a *italic element* .

this is a *em element* .

source:

<!doctype html>

```
<html>
<head>
<title> idol wave </title>
</head>
<body>
<p> this is a <b> bold element </b>. </p>
<p> this is a <strong> strong element </strong>. </p>

<p> this is a <i> italic element </i>. </p>
<p> this is a <em> em element </em>. </p>

<! b=strong is same command and i=em is same command>
</body>
</html>
```

23a.i frame element

nothing happened / first page

source:

```
<!doctype html>

<html>

<head>

<title> idol wave </title>

</head>

<body>

<iframe frameborder="" width="" height="" src="" name="" id="">

</iframe><br />

nothing happened

</body>

</html>
```

23b.i frame element



source:

```
<!doctype html>

<html>

<head>

<title> idol wave </title>

</head>

<body>

<iframe frameborder="1" width="200" height="200" src="" name="ouriframe" id="ouriframe">

</iframe><br />

</body>

</html>
```

23c.i frame element



source:

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title> idol wave </title>
```

```
</head>
```

```
<body>
```

```
<iframe frameborder="1" width="200" height="200" src="" name="ouriframe" id="ouriframe">
```

do you see this?

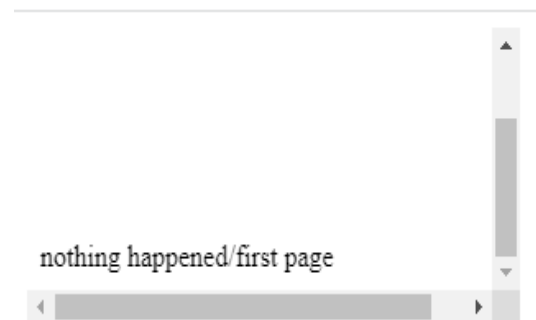
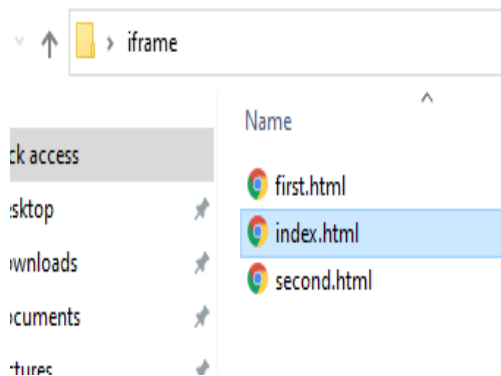
<! do you see this? is not showing because it is in side of closing iframe>

```
</iframe><br />
```

```
</body>
```

```
</html>
```

23d.i frame element



source:

```
<!doctype html>

<html>

<head>

<title> idol wave </title>

</head>

<body>

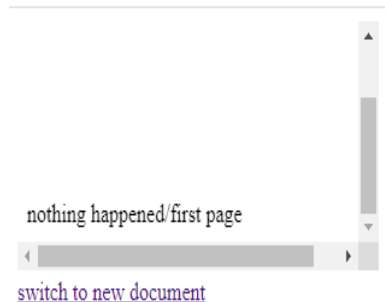
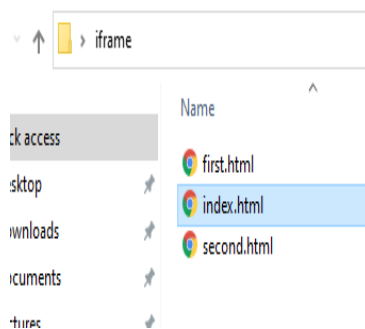
<iframe frameborder="" width="" height="" src="first.html" name="" id="">

</iframe><br />

</body>

</html>
```

23e.i frame element



second page

source:

```
<!doctype html>

<html>

<head>

<title> idol wave </title>

</head>

<body>

<iframe frameborder="" width="" height="" src="first.html" name="" id="">

</iframe><br />

<a href="second.html" target="ouriframe"> switch to new document</a>

</body>

</html>
```

24.sup and sub element(superscript and subscript)

the expert said a lot on december 25th.

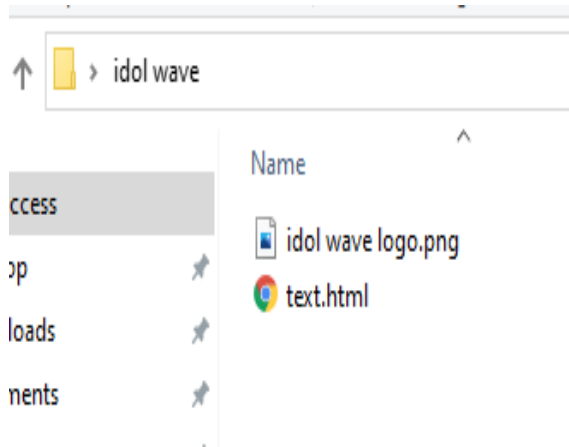
there is plenty of h₂o in the lake.

source:

```
<!doctype html>
```

```
<html>
<head>
<title> idol wave </title>
</head>
<body>
<p> the expert said a lot on december 25<sup>th</sup>.</p>
<p> there is plenty of h<sub>2</sub>o in the lake.</p>
</body>
</html>
```

25a. title and alt attributes

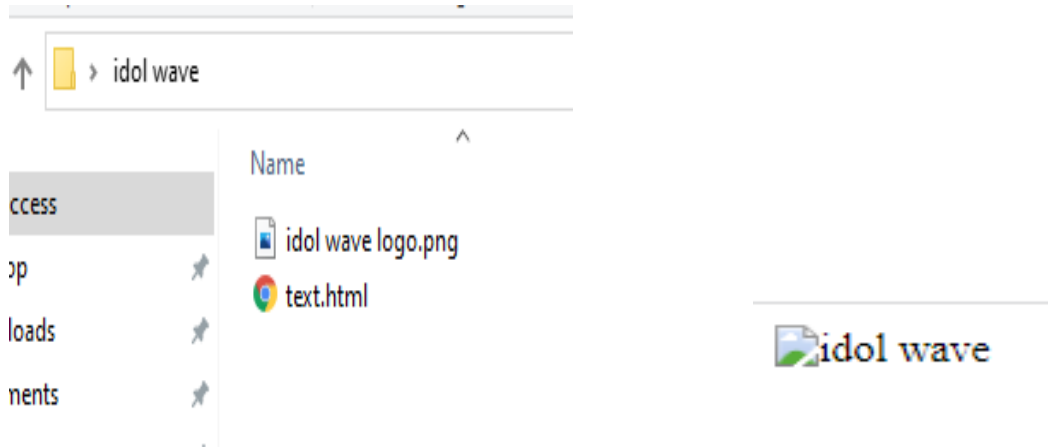


source:

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
</head>
<body>

<!--as like image tagging but this application for jquery-->
</body>
</html>
```

25b. title and alt attributes

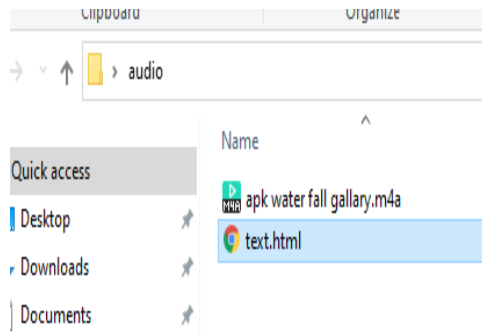


source:

```
<!doctype html>
<html>
<head>
<title> idol wave </title>
</head>
<body>

<!--as like image taging but this application for jquery-->
</body>
</html>
```

26a. audio element



source:

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title> idol wave </title>
```

```
</head>
```

```
<body>
```

```
<audio controls="audiocontrols">
```

```
  <source src="apk water fall gallery.m4a"/>
```

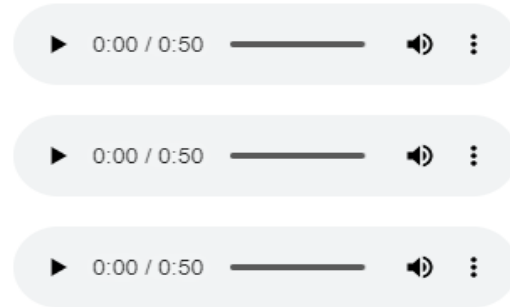
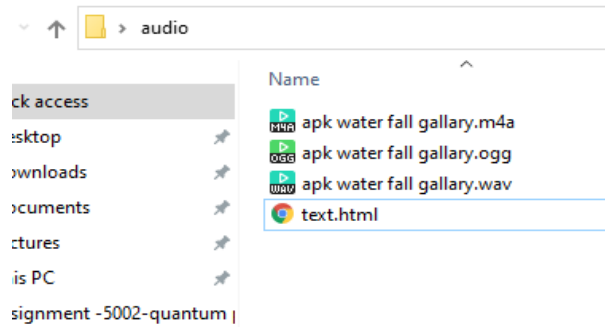
```
</audio>
```

```
<!-- three standard formats for web browsers are .mp3 .wav and .ogg -->
```

```
</body>
```

```
</html>
```

26b. audio element



source:

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title> idol wave </title>
```

```
</head>
```

```
<body>
```

```
<p><audio controls="audiocontrols">
```

```
    <source src="apk water fall gallyary.m4a"/> </audio></p>
```

```
<p><audio controls="audiocontrols">
```

```
    <source src="apk water fall gallyary.wav"/> </audio></p>
```

```
<p><audio controls="audiocontrols">
```

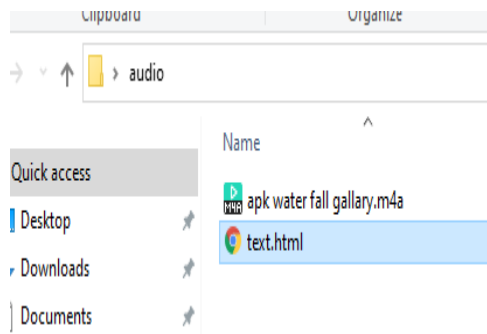
```
    <source src="apk water fall gallyary.ogg"/> </audio></p>
```

```
<!-- three standard formats for web browsers are .mp3 .wav and .ogg -->
```

```
</body>
```

```
</html>
```

27a. audio element attributes



source:

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title> idol wave </title>
```

```
</head>
```

```
<body>
```

```
<audio controls>
```

```
  <source src="apk water fall gallery.m4a"/>
```

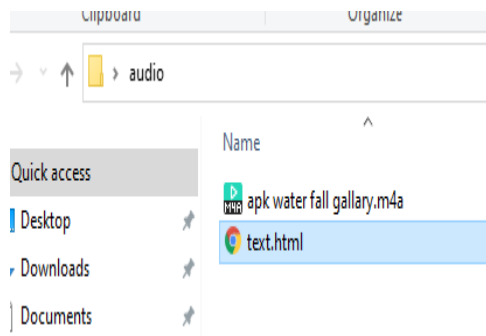
```
</audio>
```

```
<!-- three standard formats for web browsers are .mp3 .wav and .ogg -->
```

```
</body>
```

```
</html>
```

27b. audio element attributes auto ply



source:

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title> idol wave </title>
```

```
</head>
```

```
<body>
```

```
<audio controls autoplay>
```

```
  <source src="apk water fall gallery.m4a"/>
```

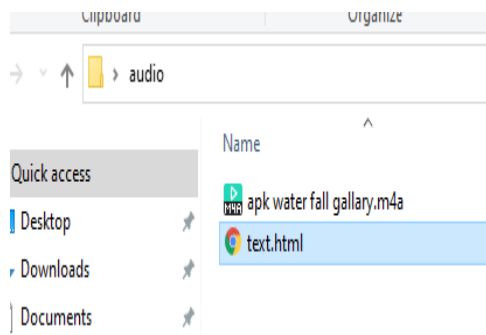
```
</audio>
```

```
<!-- three standard formats for web browsers are .mp3 .wav and .ogg -->
```

```
</body>
```

```
</html>
```

27c. audio element attributes auto play over and over



source:

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title> idol wave </title>
```

```
</head>
```

```
<body>
```

```
<audio controls autoplay loop>
```

```
  <source src="apk water fall gallery.m4a"/>
```

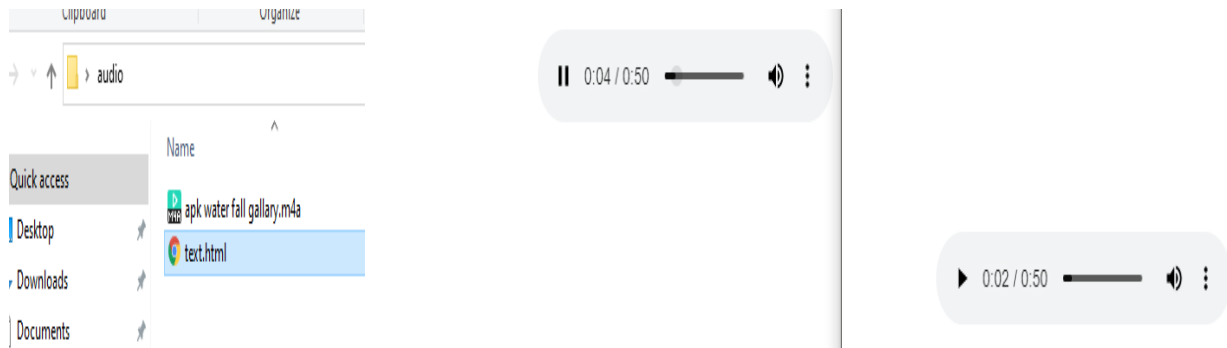
```
</audio>
```

```
<!-- three standard formats for web browsers are .mp3 .wav and .ogg -->
```

```
</body>
```

```
</html>
```

27d. audio element attributes auto play over and over with drag gable



source:

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title> idol wave </title>
```

```
</head>
```

```
<body>
```

```
<audio controls auto play loop draggable="true">
```

```
    <source src="apk water fall gallery.m4a"/>
```

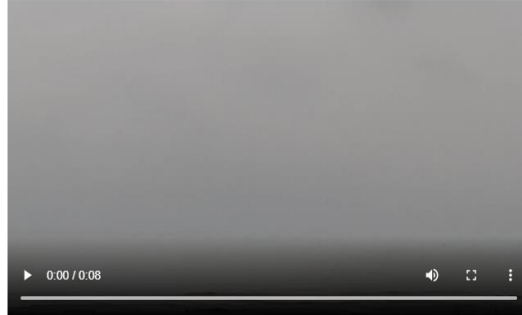
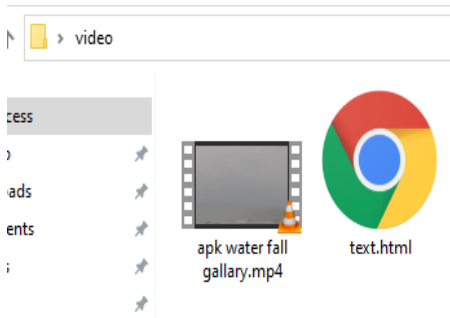
```
</audio>
```

```
<!-- three standard formats for web browsers are .mp3 .wav and .ogg -->
```

```
</body>
```

```
</html>
```

28. video element



source:

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title> idol wave </title>
```

```
</head>
```

```
<body>
```

```
<video width="640" height="360" controls>
```

```
    <source src="apk water fall gallery.mp4"/>
```

```
</video>
```

```
<!--standard video formats for web browsers are .mp4 .webm and .ogg -->
```

```
</body>
```

```
</html>
```

html5
to
vanilla-css3
and
javascript