JQUERY CODING EXERCISES

CODING FOR BEGINNERS WITH HANDS ON PROJECTS

jQuery

WRITTEN BY
JJ TAM

EDITED BY
TAM SEL

HTML CODING EXERCISES

CODING FOR BEGINNERS WITH HANDS ON PROJECTS

HTML
5

WRITTEN BY
JJ TAM

EDITED BY
TAM SEL

HTML AND jQUERY CODING EXERCISES

CODING FOR BEGINNERS

JJ TAM

HTML
CODING EXERCISES

CODING FOR BEGINNERS

JJ TAM

Comment HTML tags

HTML CODE

```html
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to comment HTML tags</title>
</head>
<body>
  <p>HTML Tutorial</p>
   <!--<p>Python Tutorial</p>-->
   <p>PHP Tutorial</p>
</body>
</html>
```

Output:

HTML Tutorial

PHP Tutorial

Create a hyperlink in HTML

HTML CODE

```html
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to create a hyperlink</title>
</head>
<body>
  <p><a href="http://htmlexample.com">htmlexample.com</a><p>
</body>
</html>
```

Download a file

when clicking on the link

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>Download a file when clicking on the link</title>
</head>
<body>
  <p><a href="https://www.hmlresource.com/images/htmlresource-logo.png" download>Download</a></p>

</body>
</html>
```

Create a link

with a media attribute

HTML CODE

<!DOCTYPE html>

<html>

<head>

  <meta charset="utf-8">

  <title>Create a link with a media attribute</title>

</head>

<body>

  Media Attribute

</body>

</html>

Create a nofollow link

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to create a nofollow link</title>
</head>
<body>
  <a rel="nofollow" href="http://htmlexample.com">Example.com</a>
</body>
</html>
```

Open a linked document
in a separate browser tab
HTML CODE

```html
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to open a linked document in a separate browser tab</title>
</head>
<body>
  <p><a href="https://htmlresource.com" target="_blank">Target HTML5 EXCECISES</a></p>
</body>
</html>
```

Correct way to write address

in a HTML document

HTML CODE

<!DOCTYPE html>

<html>

<head>

  <meta charset="utf-8">

  <title>What is the correct way to write address in a HTML document</title>

</head>

<body>

  <address>

    Address: 21,MG Road

Burdwan

West Bengal.

  </address>

</body>

</html>

Specify an alternate text

for the area

if the href attribute is present

HTML CODE

```
<body>
<img src="https://www.htmlresource.com/htmlr_images/html-area-
element.png" alt="area example"  border="0" usemap="#Map"/>
<map name="Map">
<area shape="rect" coords="8,5,100,77"
href="https://www.htmlresource.com/mysql/mysql-tutorials.php"
target="_blank" alt="mysql tutorial">
<area shape="circle" coords="155,93,59"
href="https://www.htmlresource.com/php/php-home.php" target="_blank"
alt="php tutorial">
<area shape="rect" coords="197,136,306,188"
href="https://www.htmlresource.com/sql/sql-tutorials.php" alt="sql
tutorials">
</map>
</body>
```

Create an HTML document

which uses article element

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>Create an HTML document which uses article element</title>
</head>
<body>
<article>
<h1>Tutorial of HTML5 article element</h1>
<p>HTML5 article element represents independent item like a blog entry in an web document.</p>
</article>
</body>
</html>
```

Create an HTML document

which uses aside element

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to create an HTML document which uses aside
element</title>
</head>
<body>
<p> I visited the HTML5 tutorial of htmlresource</p>

<aside>
  <h4>HTML5 tutorial</h4>
  <p>I can develop excellent web applications with HTML5 and related
APIs (like GeoLocation, Drag and Drop, WebSocket etc.)in HTML5
tutorial.</p>
</aside>
</body>
</html>
```

OUTPUT

I visited the HTML5 tutorial of htmlresource

HTML5 tutorial

I can develop excellent web applications with HTML5 and related
APIs (like GeoLocation, Drag and Drop, WebSocket etc.)in
HTML5 tutorial.

To add controls to an audio

HTML CODE

<body>

<audio controls>

    <source src="https://www.htmlresource.com/html-css-exercise/basic/solution/beach.ogg" type="audio/ogg">

<source src="https://www.htmlresource.com/html-css-exercise/basic/solution/beach.mp3" type="audio/mpeg">

</audio>

</body>

Write bold text using HTML tags

HTML CODE

<!DOCTYPE html>

<html>

<head>

  <meta charset="utf-8">

  <title>How to write bold text using HTML tags</title>

</head>

<body>

  <p>"htmlresource" is normal text - and "htmlresource" is bold text.

</body>

</html>

OUTPUT

"htmlresource" is normal text - and **"htmlresource"** is bold text.

To specify the base URL

HTML CODE

```
<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>How to specifie the base URL/target for all relative URLs in a document</title>

<base href="https://www.htmlresource.com/">

</head>

<body>

<ul>

<li><a href="php/php-home.php">PHP Tutorial</a></li>

<li><a href="javascript/javascript.php">JavaScript Tutorial</a></li>

<li><a href="mysql/mysql-tutorials.php">MySQL Tutorial</a></li>

</body>

</html>
```

Isolate a part of text

That might be formatted

In a different direction

HTML CODE

<!DOCTYPE html>

<html>

<head>

  <meta charset="utf-8">

  <title>How to isolate a part of text that might be formatted in a different direction from other text outside it</title>

</head>

<body>

<p>

In the example below, usernames are shown along with the number of points in a contest.

If the bdi element is not supported in the browser, the username of the Arabic user would confuse the text (the bidirectional algorithm would put the colon and the number "80" next to the word "User" rather than next to the word "points").

</p>

User <bdi>hrefs</bdi>: 40 points

User <bdi>jdoe</bdi>: 60 points

User <bdi> ترحي ب </bdi>:80 points

<p>Note: The bdi element is currently supported only in Firefox and Chrome.</p>

</body>

</html>

OUTPUT

In the example below, usernames are shown along with the number of points in a contest. If the bdi element is not supported in the browser, the username of the Arabic user would confuse the text (the bidirectional algorithm would put the colon and the number "80" next to the word "User" rather than next to the word "points").

- User hrefs: 40 points
- User jdoe: 60 points
- User 80:ترحيب points

Note: The bdi element is currently supported only in Firefox and Chrome.

Define a section

that is quoted from another source

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
<title>html blockquote tag example</title>
</head>
<body>
<blockquote>Freedom is not worth having if it does not connote freedom to err. It passes my comprehension how human beings, be they ever so experienced and able, can delight in depriving other human beings of that precious right.</blockquote>
</body>
</html>
```

OUTPUT

Freedom is not worth having if it does not connote freedom to err. It passes my comprehension how human beings, be they ever so experienced and able, can delight in depriving other human beings of that precious right.

Define the document's body

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
   <meta charset="utf-8">
   <title>How to define the document's body</title>
</head>
<body>
We are learning HTML body element.
</body>
</html>
```

OUTPUT

We are learning HTML body element.

Defines a single line break

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to define a single line break</title>
</head>
<body>
  <p>The quick brown fox jumps<br>over the lazy dog.</p>
</body>
</html>
```

OUTPUT

The quick brown fox jumps
over the lazy dog.

Define a clickable button

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
   <meta charset="utf-8">
   <title>How to define a clickable button.</title>
</head>
<body>
   <button type="button" onclick="console.log('Welcome Friends')">Click
Me!</button>
</body>
</html>
```

Specify that a button

automatically get focus

when the page load

HTML CODE

```html
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>The example of autofocus attribute with button element.</title>
</head>
<body>
<button type="button" autofocus onclick="console.log('Welcome Friends')">Click Me!</button>
</body>
</html>
```

Specify a button should be disabled

HTML CODE

```html
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>Example of HTML disabled attribute with button</title>
</head>
<body>
<form action="example.php" method="post">
First Name : <input type="text" name="Fname"><br>
<button type="button" name="Submit" disabled>Submit</button>
</body>
</html>
```

OUTPUT

First Name : [   ]

[Submit]

Specify one or more forms

the button belongs to

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to specify one or more forms the button belongs to</title>
</head>
<body>
<form method="POST"
action="https://www.htmlresource.com/html-css-
exercise/basic/solution/button-form-answer-demo.php" id="form1">
  First   name  : <input type="text" name="fname"><br>
  Last    name : <input type="text" name="lname"><br>
  Present Address : <input type="text" name="add"><br>
  E-mail  : <input type="text" name="mail"><br>
</form>
<button type="submit" form="form1" value="Submit">Submit</button>
</body>
</html>
```

OUTPUT

First name :

Last name :

Present Address :

E-mail :

Submit

Specify where to send the form-data

when a form is submitted

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to Specify where to send the form-data when a form is submitted.</title>
</head>
<body>
<form action="https://www.htmlresource.com/html-css-exercise/basic/solution/button-formaction-answer-demo.php" method="post">
  First name: <input type="text" name="fname"><br>
  Last name: <input type="text" name="lname"><br>
  <button type="submit">Submit</button><br>
  <button type="submit" formaction="https://www.htmlresource.com/html-css-exercise/basic/solution/button-formaction-admin-demo.php">Submit as admin</button>
</form>
</body>
</html>
```

OUTPUT

First name: _____

Last name: _____

[Submit]
[Submit as admin]

Send the form-data

(which HTTP method to use)

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to send the form-data,which HTTP method to use</title>
</head>
<body>
<form action="https://www.htmlresource.com/html-css-
exercise/basic/solution/button-formmethod-answer-demo.php">
  First name: <input type="text" name="fname"><br>
  Last name: <input type="text" name="lname"><br>
  Address: <input type="text" name="place"><br>
  <button type="submit">Submit</button>
  <button type="submit" formmethod="post"
formaction="http://localhost/html-css-exercise/basic/solution/button-
formmethod-post-answer.php">Submit using POST</button>
</form>
</body>
</html>
```

OUTPUT

First name: [   ]
Last name: [   ]
Address: [   ]
[Submit] [Submit using POST]

Specify where to display

the response after submitting the form

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to specify where to display the response after submitting the form</title>
</head>
<body>
<form action="https://www.htmlresource.com/html-css-exercise/basic/solution/button-formtarget-answer-demo.php" method="POST">
  First name: <input type="text" name="fname"><br>
  Last name: <input type="text" name="lname"><br>
  <button type="submit">Submit</button>
  <button type="submit" formtarget="_blank">Submit to a new window/tab</button>
</form>
</body>
</html>
```

OUTPUT

First name: [   ]
Last name: [   ]
[Submit] [Submit to a new window/tab]

Specify a name for the button

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
<title>How to specify a name for the button</title>
</head>
<body>
<form action="https://www.htmlresource.com/html-css-
exercise/basic/solution/button-name-answer-demo.php" method="post">
Choose your favorite topic:
<button name="topic" type="submit"
value="JavaScript">JavaScript</button>
<button name="topic" type="submit" value="PHP">PHP</button>
</form>
</body>
</html>
```

OUTPUT

Choose your favorite topic: JavaScript PHP

Specify the type of button

HTML CODE

```html
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to specify the type of button</title>
</head>
<body>
<form action="https://www.htmlresource.com/html-css-
exercise/basic/solution/button-type-answer-demo.php"
method="post"id="nameform">
First name: <input type="text" name="fname"><br>
Last name: <input type="text" name="lname"><br>
Address: <input type="text" name="add"><br>
<button type="submit" value="Submit">Submit</button>
<button type="reset" value="Reset">Reset</button>
</form>
</body>
</html>
```

OUTPUT

First name: [   ]

Last name: [   ]

Address: [   ]

[Submit] [Reset]

Draw graphics, on the fly, via scripting

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to use to draw graphics, on the fly, via scripting</title>
</head>
<body>
Canvas
<style>
#FirstCanvas{
width: 500px;
height: 300px;
border: 3px solid red;
background-color: blue;
}
</style>
<body>
<canvas id="FirstCanvas"></canvas>
</body>
</html>
```

OUTPUT

Canvas

Define a table caption

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to define a table caption</title>
</head>
<body>
<table border="1">
<caption>First column holds Student code and second column holds percentage of marks obtained by the student</caption>
<tr>
<th>Student code </th>
<th>% of marks </th>
</tr>
<tr>
<td>S001</td>
<td>85</td>
</tr>
<tr>
<td>S002</td>
<td>86</td>
</tr>
<tr>
<td>S003</td>
<td>72</td>
</tr>
<tr>
<td>S004</td>
<td>89</td>
</tr>
</table
</body>
</html>
```

OUTPUT

First column holds Student code and second column holds percentage of marks obtained by the student

Student code	% of marks
S001	85
S002	86
S003	72
S004	89

Specify the column properties

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to specify the column properties of each column within a column group element</title>
</head>
<body>
<table class="table table-bordered">
  <colgroup>
    <col span="3" style="background-color:#cc66Ff">
          <col style="background-color:#cc66Ff">
  </colgroup>
  <tr>
    <th>COL-1</th>
    <th>COL-2</th>
    <th>COL-3</th>
  </tr>
  <tr>
    <td>MySQL</td>
    <td>PHP</td>
    <td>SQL</td>
  </tr>
  <tr>
    <td>MySQL Exercise</td>
    <td>PHP Exercise</td>
    <td>SQL Exercise</td>
  </tr>
</table>
</body>
</html>
```

OUTPUT

COL-1	COL-2	COL-3
MySQL	PHP	SQL
MySQL Exercise	PHP Exercise	SQL Exercise

Define important text

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to define important text</title>
</head>
<body>
<p>This is an example of <strong>HTML strong tag.</strong></p>
</body>
</html>
```

OUTPUT

This is an example of **HTML strong tag.**

Specify a list of pre-defined options

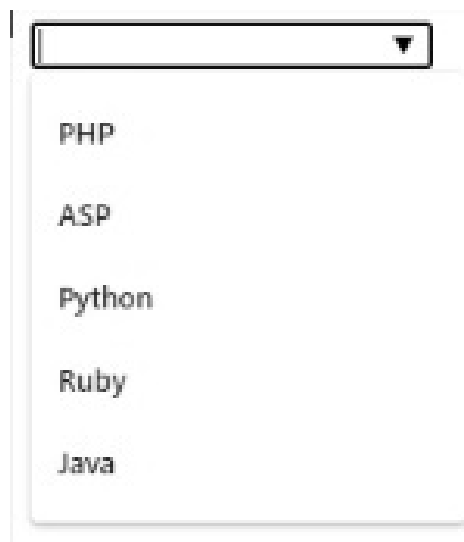## for input controls

HTML CODE

```
<!doctype html>
<html>
<head>
<title>HTML5 datalist example</title>
</head>
<body>
<input list="Languages" />
<datalist id="Languages">
<option value="PHP">
<option value="ASP">
<option value="Python">
<option value="Ruby">
<option value="Java">
</datalist>
</body>
</html>
```

OUTPUT

Define a description

HTML CODE

```html
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to define a description/value of a term in a description list</title>
</head>
<body>
<dl>
<dt>PHP</dt>
<dd>A server side scripting language.</dd>   <dt>JavaScript</dt>
<dd>A client side scripting language.</dd>   </dl>
</body>
</html>
```

OUTPUT

PHP
    A server side scripting language.
JavaScript
    A client side scripting language.

Define a dialog box

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>How to define a dialog box or window</title>
</head>
<body>
  <style>
table, th, td {
    border: 1px solid red;
}
</style>
</head>
<body>
<table>
  <tr>
    <th>March <dialog open>This is an open dialog window</dialog></th>
    <th>April</th>
    <th>May</th>
  </tr>
  <tr>
    <td>31</td>
    <td>30</td>
    <td>31</td>
  </tr>
</table>

</body>
</html>
```

OUTPUT

March	April	May
31	30	3

This is an open dialog window

Define a section

in a document

HTML CODE

<!DOCTYPE html>

<html>

<head>

  <meta charset="utf-8">

  <title>How to define a section in a document</title>

</head>

<body>

<div>

  <h1>htmlresource Tutorial</h1>

  <p>This is example of division</p>

</div>

</body>

</html>

OUTPUT

htmlresource Tutorial

This is example of division

JQUERY
CODING EXERCISES

CODING FOR BEGINNERS
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JQUERY CODING EXERCISES

Check jQuery is loaded

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
  <meta charset="utf-8">
  <title>Test if jQuery is loaded</title>
</head>
<body>
<p>Click me!</p>
</body>
</html>
```

JAVASCRIPT CODE

```
$("p").bind("click", function(){
   $( "This is a click Event").appendTo( "body" );
});

$("p").bind("dblclick", function(){
   $( "This is a double-click Event"  ).appendTo( "body" );
});
```

OUTPUT

Click me!

This is a click Event

Scroll to the top

of the page

HTML CODE

<!DOCTYPE html>

<html>

<head>

<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>

  <meta charset="utf-8">

  <title>Scroll to the top of the page with jQuery</title>

</head>

<body>

  <p>jquery</p>

  <p>jquery</p>

  <p>jquery</p>

  <p>jquery</p>

  <p>jquery</p>

  <p>jquery</p>

  <p>jquery</p>

  <p>jquery</p>

  <p>jquery</p>

  <p>jquery</p>

  <p>jquery</p>

  <p>jquery</p>

```
<p>jquery</p>

<p>jquery</p>

<p>jquery</p>

<p>jquery</p>

<p>jquery</p>

<a href='#top'>Go Top</a>

</body>

</html>
```

JAVASCRIPT CODE

```javascript
$("a[href='#top']").click(function() {
  $("html, body").animate({ scrollTop: 0 }, "slow");
  return false;
});
```

Disable right click menu

In html page

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
   <meta charset="utf-8">
   <title>Disable right click menu in html page using jquery</title>
</head>
<body>
</body>
</html>
```

JAVASCRIPT CODE

```
$(document).bind("contextmenu",function(e){
   return false;
     });
```

Disable/enable the form submit button

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
  <meta charset="utf-8">
  <title>Disable/enable the form submit button</title>
</head>
<body>
<input id="accept" name="accept" type="checkbox" value="y"/>I accept<br>
<input id="submitbtn" disabled="disabled" name="Submit" type="submit" value="Submit" />
</body>
</html>
```

JAVASCRIPT CODE

```
$('#accept').click(function() {
        if ($('#submitbtn').is(':disabled')) {
        $('#submitbtn').removeAttr('disabled');
    } else {
        $('#submitbtn').attr('disabled', 'disabled');
    }
});
```

OUTPUT

Blink text

using jQuery

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
   <meta charset="utf-8">
   <title>Blink text using jQuery</title>
</head>
<body>
   <p>jQuery <span class="blink">Exercises</span> and Solution</p>
</body>
</html>
```

JAVASCRIPT CODE

```
function blink_text() {
    $('.blink').fadeOut(500);
    $('.blink').fadeIn(500);
}
setInterval(blink_text, 1000);
```

Create table effect

Like Zebra Stripes

HTML CODE

```html
<!DOCTYPE html>
<html>
<head>
<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
  <meta charset="utf-8">
<style type="text/css">.table_style {
        width: 500px;
        margin: 0px auto;
        }
        table{
        width: 100%;
        border-collapse: collapse;
        }
        table tr td{
        width: 50%;
        border: 1px solid #ff751a;
        padding: 5px;
        }
        table tr th{
        border: 1px solid #79ff4d;
        padding: 5px;
        }
        .zebra{
        background-color:  #ff0066;
        }
        </style>
  <title>Create a Zebra Stripes table effect</title>
</head>
<body>
<div class="table_style">
```

```html
<table>
        <tr>
        <th>Student Name</th>
        <th>Marks in Science</th>
        </tr>
        <tr>
        <td>James</td>
        <td>85.00</td>
        </tr>
        <tr>
        <td>David</td>
        <td>92.00</td>
        </tr>
        <tr>
        <td>Arthur</td>
        <td>79.00</td>
        </tr>
        <tr>
        <td>George</td>
        <td>82.00</td>
        </tr>
</table>
</div>
</body>
</html>
```

JAVASCRIPT CODE

```javascript
$(document).ready(function(){
        $("tr:odd").addClass("zebra");
});
```

OUTPUT

Student Name	Marks in Science
James	85.00
David	92.00
Arthur	79.00
George	82.00

Make first word bold

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
  <meta charset="utf-8">
  <title>Make first word bold of all elements</title>
</head>
<body>
  <p>PHP Exercises</p>
  <p>Python Exercises</p>
  <p>JavaScript Exercises</p>
  <p>jQuery Exercises</p>
</body>
</html>
```

JAVASCRIPT CODE

```
$('p').each(function(){
        var pdata = $(this);
        pdata.html( pdata.text().replace(/(^\w+)/,'$1') );
});
```

OUTPUT

PHP Exercises

Python Exercises

JavaScript Exercises

jQuery Exercises

Underline all the words

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-git.js"></script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width">
<title>Underline all words of a text through jQuery</title>
</head>
<body>
<p>The best way we learn anything is by practice and exercise
questions</p>
</body>
</html>
```

CSS CODE

```
p span{
    text-decoration: underline;
  }
```

JAVASCRIPT CODE

```
$('p').each(function() {

var text_words = $(this).text().split(' ');

        $(this).empty().html(function() {

        for (i = 0; i < text_words.length; i++) {
        if (i === 0) {
        $(this).append('<span>' + text_words[i] + '</span>');
        } else {
        $(this).append(' <span>' + text_words[i] + '</span>');
        }
        }
```

```
            });

});
```

OUTPUT

The best way we learn anything is by practice and exercise

Change button text using jQuery

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-git.js"></script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width">
<title>Change button text using jQuery.</title>
</head>
<body>
<input type='button' value='Cancel' id='button1'>
</body>
</html>
```

JAVASCRIPT CODE

```
//Uncomment the following code and see the changes.

//$("#button1").prop('value', 'Save');
```

Add options to a drop-down list

Using jQuery

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-git.js"></script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width">
<title>Add options to a drop-down list using jQuery.</title>
</head>
<body>
<p>List of Colors :</p>
<select id='myColors'>
<option value="Red">Red</option>
<option value="Green">Green</option>
<option value="White">White</option>
<option value="Black">Black</option>
</select>
</body>
</html>
```

JAVASCRIPT CODE

```
var myOptions = {
    val1 : 'Blue',
    val2 : 'Orange'
};
var mySelect = $('#myColors');
$.each(myOptions, function(val, text) {
    mySelect.append(
        $('<option></option>').val(val).html(text)
    );
});
```

OUTPUT

List of Colors :

Red

Set background-image

Using jQuery CSS property

HTML CODE

<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-git.js"></script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width">
<title>Set background-image using jQuery CSS property.</title>
</head>
<body>
</body>
</html>

JAVASCRIPT CODE

```
$('body').css('background-image',

'url("https://www.htmlresource.com/includes/jquery-images/jquery.gif")');
```

Output

Delete all table rows except first one

using jQuery

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-git.js"></script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width">
<title>Delete all table rows except first one using jQuery.</title>
</head>
<body>
<table border="1" id="myTable">
<tr>
<th>Year</th>
<th>Savings</th>
</tr>
<tr>
<td>2014</td>
<td>$10000</td>
</tr>
<tr>
<td>2015</td>
<td>$8000</td>
</tr>
<tr>
<td>2016</td>
<td>$9000</td>
</tr>
</table>
<p>
```

```html
<input id="button1" type="button" value="Click to remove all rows except first one"/></p>
</body>
</html>
```

JAVASCRIPT CODE

```javascript
$(document).ready(function(){
  $('#button1').click(function(){
    $("#myTable").find("tr:gt(0)").remove();
  });
});
```

OUTPUT

Year	Savings
2014	$10000
2015	$8000
2016	$9000

Click to remove all rows except first one

Disable a link

Using jQuery

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-git.js"></script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width">
<title>Disable a link using jQuery</title>
</head>
<body>
<a href="https://www.htmlresource.com/jquery-exercises/">jQuery
Exercises, Practice, Solution</a>
<p></p>
  <input id="button1" type="button" value="Click to remove the link!" />
</body>
</html>
```
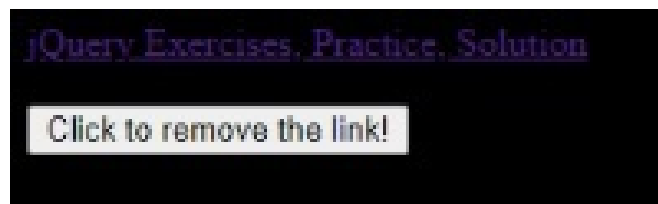
JAVASCRIPT CODE

```
$(document).ready(function(){
  $('#button1').click(function(){
  $("a").removeAttr('href');
  });
});
```

OUTPUT

Change a CSS class

Using jQuery

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-git.js"></script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width">
  <title>Change a CSS class name using jQuery.</title>
  </head>
  <body>
  <p id="pid"  class="center"> jQuery Exercises</p>
  <input id="button1" type="button" value="Click to change the Class" />
</body>
</html>
```
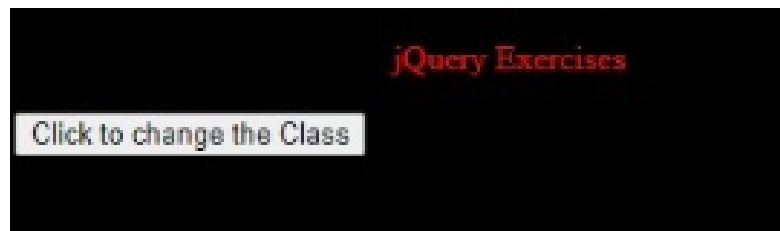
CSS CODE

```
p.center {
    text-align: center;
    color: red;
}

p.large {
    font-size: 200%;
}
```

JAVASCRIPT CODE

```
$(document).ready(function(){
  $('#button1').click(function()
{   $('#pid').removeClass('center').addClass('large');
   });
});
```

OUTPUT

jQuery Exercises

Click to change the Class

Set the background color

HTML CODE

```html
<!DOCTYPE html>
  <html>
  <head>
  <script src="https://code.jquery.com/jquery-git.js"></script>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>Set the background color red of the following elements using jQuery.</title>
  <style type="text/css">
  button {
  display: block;
  margin: 20px 0 0 0;
  }   </style>
</head>
  <body>
  <textarea>TutoRIAL</textarea>
  <p>jQuery</p>
  <span>Exercises</span>
  <button id="button1">Click to see the effect</button>
  </body>
  </html>
```

JAVASCRIPT CODE

```javascript
$('#button1').click(function(){
$("p").add( "span" ).add("textarea").css( "background", "red" );
});
```

Add the previous set of elements

On the stack to the current set

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-git.js"></script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width">
<title>Using jQuery add the previous set of elements on the stack to the current set.</title>
</head>
<body>
<div class="left">
<p><strong>Before <code>addBack()</code></strong></p>
<div class="before-addback">
<p>JavaScript</p>
<p>jQuery</p>
</div>
</div>
<div class="right">
<p><strong>After <code>addBack()</code></strong></p>
<div class="after-addback">
<p>JavaScript</p>
<p>jQuery</p>
</div>
</div>
</body>
</html>
```

CSS CODE

```
p, div {
    margin: 5px;
```

```
     padding: 5px;
     color: #c03199;
   }
   .border {
     border: 2px solid #360e9b;
   }
   .background {
     background: #cdc8b1;
   }
   .left, .right {
     width: 40%;
     float: left;
   }
   .right {
     margin-left: 2%;
   }
```

JAVASCRIPT CODE

```javascript
$( "div.left, div.right" ).find( "div, div > p" ).addClass( "border" );

// First Part
$( "div.before-addback" ).find( "p" ).addClass( "background" );

// Second Part
$( "div.after-addback" ).find( "p" ).addBack().addClass( "background" );
```

Add a specified class

To the matched elements

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-git.js"></script>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
   <title>Add a specified class to the matched elements.</title>
   </head>
   <body>
   <p>PHP</p>
   <p>Java</p>
   <p>Python</p>
</body>
</html>
```

CSS CODE

```
p {
    margin: 8px;
    font-size: 16px;
  }
  .h3r_font_color{
    color: red;
  }
  .h3r_background {
    background: yellow;
  }
```

JAVASCRIPT CODE

```
$( "p" ).last().addClass( "h3r_font_color" );
```

Add two classes

To the matched elements

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-git.js"></script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width">
<title>Add two classes to the matched elements.</title>
</head>
<body>
<p>PHP</p>
<p>Java</p>
<p>Python</p>
</body>
</html>
```

CSS CODE

```
p {
    margin: 8px;
    font-size: 16px;
  }
.h3r_font_color{
    color: blue;
  }
.h3r_background {
    background: orange;
  }
```

JAVASCRIPT CODE

```
$( "p" ).last().addClass( "w3r_font_color h3r_background " );
```

Insert some HTML

HTML CODE

```
<!DOCTYPE html>
  <html>
  <head>
  <script src="https://code.jquery.com/jquery-git.js"></script>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>Using jQuery insert a paragraph after all paragraphs.</title>
  <style type="text/css">
  button {
  display: block;
  margin: 20px 0 0 0;
  }   </style>
</head>
  <body>
  <p>jQuery Exercises</p>
  <button id="button1">Click to see the effect</button>
  </body>
</html>
```

CSS CODE

```
$('#button1').click(function(){
$( "p" ).after( "<b><i>With solution.</i></b>" );
});
```

JAVASCRIPT CODE

```
$('#button1').click(function(){

$( "p" ).after( "<b><i>With solution.</i></b>" );

});
```

OUTPUT

jQuery Exercises

With solution. With solution. With solution. With solution. With solution. With solution. With solution. With solution. With solution. With solution. With solution.

Click to see the effect

Count every element

In the document

HTML CODE

```html
<!DOCTYPE html>
  <html>
  <head>
  <script src="https://code.jquery.com/jquery-git.js"></script>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>Count  every element (including head, body, etc.) in the document.
</title>
  </head>
  <body>
  <div>This is division</div>
  <span>This is a span</span>
  <p>This is a Paragraph</p>
  <button id="button1">Click to see the effect</button>
</body>
  </html>
```

CSS CODE

```css
button {
    display: block;
    margin: 20px 0 0 0;
    clear: both
    }

  div, span, p {
   width: 160px;
   height: 40px;
   float: left;
   padding: 10px;
   margin: 10px;
```
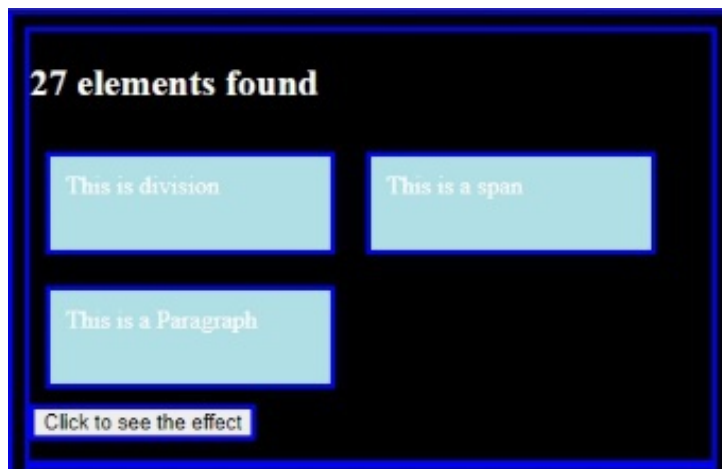
```
    background-color: #B0E0E6
  }
```

JAVASCRIPT CODE

```
$('#button1').click(function(){

var elementCount = $( "*" ).css( "border", "3px solid blue" ).length;
$( "body" ).prepend( "<h2>" + elementCount + " elements found</h3>" );
});
```

OUTPUT

Count all elements

Within a division

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-git.js"></script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width">
<title>Count all elements within a division.</title>
</head>
<body>
<div  id="iddiv">
<span>This is a span</span>
<p>This is a Paragraph</p>
<button id="button1">Click to see the effect</button>
</div>
</body>
</html>
```
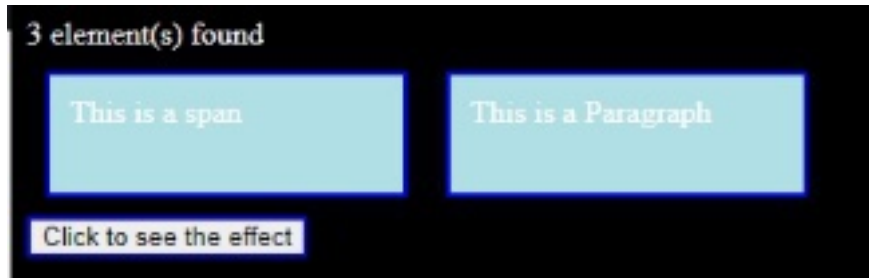
CSS CODE

```
button {
    display: block;
    margin: 20px 0 0 0;
    clear: both
    }

  span, p {
   width: 160px;
   height: 40px;
   float: left;
   padding: 10px;
   margin: 10px;
```

```
    background-color: #B0E0E6
  }
```

JAVASCRIPT CODE

```
$('#button1').click(function(){

  var elementCount = $( "#iddiv" ).find( "*" ).css( "border", "2px solid
blue" ).length;

  $( "body" ).prepend( "" + elementCount + " element(s) found" );
});
```

OUTPUT

Animate paragraph element

HTML CODE

```
<!DOCTYPE html>
<html>
<head>
<script src="https://code.jquery.com/jquery-git.js"></script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width">
<title>Click the button to animate the paragraph element with a number of different properties.</title>
</head>
<body>
<p id="pid">jQuery</p>
<button id="button1">Click to see the animation</button>
</body>
</html>
```

CSS CODE

```
button {
    display: block;
    margin: 20px 0 0 0;
    }

p {
    background-color: #B0E0E6;
    width: 70px;
    border: 1px solid red;
  }
```

JAVASCRIPT CODE

```
$('#button1').click(function(){
$( "#pid" ).animate({
    width: "70%",
    opacity: 0.4,
```

```
      marginLeft: "0.6in",
      fontSize: "3em",
      borderWidth: "10px"
   }, 1500 );
});
```