Abhishek Priyadarshy

[Email address]

Abstract

[Draw your reader in with an engaging abstract. It is typically a short summary of the document.   
When you’re ready to add your content, just click here and start typing.]

[Document title]

[Document subtitle]

**Exercises**

1. Write a program where the program takes a random integer between 1 to 10, the user is then prompted to input a guess number. If the user input matches with guess number, the program will display a message "Good Work" otherwise display a message "Not matched"

2. Write a program to create a new string from a given string, removing the first and last characters of the string if the first or last character are 'P'. Return the original string if the condition is not satisfied.

Example : PythonP => output - ython

3. Write a program to check whether two arrays of integers of same length are similar or not. The arrays will be similar if one array can be obtained from another array by swapping at most one pair of elements.

Example:

Arr1 [10,20,30]

Arr2 [10,20,30]

(Arr1 === Arr2) = true

4. Write a program to truncates a string if it is longer than the specified number of characters. Truncated strings will end with a translatable ellipsis sequence ("â€¦") (by default) or specified characters

Example :

console.log(text\_truncate('We are doing JS string exercises.'))

console.log(text\_truncate('We are doing JS string exercises.',19))

console.log(text\_truncate('We are doing JS string exercises.',15,'!!'))

"We are doing JS string exercises."

"We are doing JS ..."

"We are doing !!"

5. Write a program to create a case-insensitive search from List/grid.

Example: Create a page with text box , button and List view . user will enter any text and click on search button , if search is valid then List view data will be filtered.

6. Write a pattern that matches e-mail addresses. The personal information part contains the following ASCII characters. Highlight an email text box if email id is ont valid with tooltip info.

Uppercase (A-Z) and lowercase (a-z) English letters.

Digits (0-9).

Characters ! # $ % & ' \* + - / = ? ^ \_ ` { | } ~

Character . ( period, dot or fullstop) provided that it is not the first or last character and it will not come one after the other.

7. Write a program to count number of words in string.

Note :

- Remove white-space from start and end position.

- Convert 2 or more spaces to 1.

- Exclude newline with a start spacing.

8. Write a function to add rows to a table.

Sample HTML file :

<!DOCTYPE html>

<html><head>

<meta charset=utf-8 />

<title>Insert row in a table - w3resource</title>

</head><body>

<table id="sampleTable" border="1">

<tr><td>Row1 cell1</td>

<td>Row1 cell2</td></tr>

<tr><td>Row2 cell1</td>

<td>Row2 cell2</td></tr>

</table><br>

<input type="button" onclick="insert\_Row()" value="Insert row">

</body></html>

9. Write a function that accept row, column, (to identify a particular cell) and a string to update the content of that cell.

Sample HTML file :

<!DOCTYPE html>

<html><head>

<meta charset=utf-8 />

<title>Change the content of a cell</title>

</head><body>

<table id="myTable" border="1">

<tr><td>Row1 cell1</td>

<td>Row1 cell2</td></tr>

<tr><td>Row2 cell1</td>

<td>Row2 cell2</td></tr>

<tr><td>Row3 cell1</td>

<td>Row3 cell2</td></tr>

</table><form>

<input type="button" onclick="changeContent()" value="Change content">

</form></body></html>

10. Write a program to remove items from a dropdown list and count remaining items of a dropdown list.

Sample HTML file :

<!DOCTYPE html>

<html><head>

<meta charset=utf-8 />

<title>Remove items from a dropdown list</title>

</head><body><form>

<select id="colorSelect">

<option>Red</option>

<option>Green</option>

<option>White</option>

<option>Black</option>

</select>

<input type="button" onclick="removecolor()" value="Select and Remove">

</form></body></html>

**JQUERY Exercise**

1. Disable the submit button until the visitor has clicked a check box.

Sample Data:

<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>

1. Limit character input in the textarea including count.

Sample HTML Code :

<body>

<form>

<label>Maximum 15 characters</label>

<textarea id="textarea" maxlength="15"></textarea>

<span id="remainingchars">15</span> characters remaining

</form>

</body>

1. Finds all elements that are checked or selected in a checkbox control.
2. Find all elements that are disabled.

Sample data :

<body>

<form>

First name: <input type="text" name="fname"><br>

Last name: <input type="text" name="lname" disabled><br>

</form>

</body>

1. Attach a click and double-click event to the <p> element

Example:

For single click append the following paragraph :   
<p>This is a click Event</p>

For double-click append the following paragraph :   
<p>This is a double-click Event</p>

1. Find the data passed with the on() method for each <p> element..

Sample Data:

<p>Click on each header element to return the data passed with the on() method.</p>

<h3>This is a header1.</h3>

<h3>This is another header2.</h3>

**Output:**

Click on each header element to return the data passed with the on() method.

This is a header1.

This is another header2.

Header1. paragraph has Event data: 0

Header2. paragraph has Event data: 1

Header1. paragraph has Event data: 0

Header2. paragraph has Event data: 1

Solutoin:

$("h3").each(function(i){

$(this).on("click", {x:i}, function(event){

var info = "Header" + $(this).index() + ". paragraph has Event data: " + event.data.x;

$("<p>"+info+"</p>").appendTo( "body" );

});

});