1. Write a JavaScript program to display the current day and time in the following format.

Sample Output: Today is: Friday. Current time is: 4 PM : 50 : 22

1. Write a JavaScript program to print the contents of the current window.
2. Write a JavaScript program to get the current date.

Expected Output: mm-dd-yyyy, mm/dd/yyyy or dd-mm-yyyy, dd/mm/yyyy

1. Write a JavaScript 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 JavaScript program to calculate multiplication and division of two numbers (input from user). Sample form:
3. Write a JavaScript program to get the website URL (loading page) & print on console
4. Write a JavaScript program to capitalize the first letter of each word of a given string.
5. Write a JavaScript program to check if a given string contains equal number of p's and s's present.

Sample output:

Input string: paatpss

Output: true

Input string: paatps

Output: false

1. Write a JavaScript program to create a new string of 4 copies of the last 3 characters of a given original string. The length of the given string must be 3 and above.

Sample input 1: "Python 3.0"

Output 1: 3.03.03.03.0

Input 2: "JS"

OUTPUT 2: false

Input 3: JavaScript

Output3: iptiptiptipt

1. Write a JavaScript program to swap the first and last elements of a given array of integers. The array length should be at least 1.
2. Write a JavaScript function that reverse a number. Using built in functions:

Example x = 32243;

Expected Output: 34223

1. Write a JavaScript function that returns a passed string with letters in alphabetical order. Using built in functions.

Example string: 'webmaster'

Expected Output: 'abeemrstw'

Assume punctuation and numbers symbols are not included in the string passed.

1. Write a JavaScript function that accepts a string as a parameter and find the longest word within the string. Using builtin functions.

Example string: 'Web Development Tutorial'

Expected Output: 'Development'

1. Write a JavaScript function to extract unique characters from a string

Example string: "thequickbrownfoxjumpsoverthelazydog"

Expected Output: "thequickbrownfxjmpsvlazydg"

1. Write a JavaScript function to get the number of occurrences of each letter in specified string

Sample input: The quick brown fox jumps over the lazy dog

Sample Output:

"T":1,"h":2,"e":3,"q":1,"u":2,"i":1,"c":1,"k":1,"b":1,"r":2,"o":4,"w":1,"n":1,"f":1,"x":1,"j":1,"m":1,"p":1,"s":1,"v":1,"t":1,"l":1,"a":1,"z":1,"y":1,"d":1,"g":1

1. Write a JavaScript function that generates a string id (specified length) of random characters

Sample character list: “ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789”

Length: 8

Output: XppJs2BC

1. Write a JavaScript function to find longest substring in a given a string without repeating characters.

Sample Input: google.com

Sample Output: gle.com

Sample input: example.com

Sample output: xample.co

1. Write a JavaScript function to get the values of First and Last name of the following form.

Sample HTML file:

<!DOCTYPE html>

<html><head>

<meta charset=utf

-

8 />

<title>Return first and last name

from a form

-

w3resource</title>

</head><body>

<form id="form1" onsubmit="getFormvalue()">

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

Last name: <input type="text" name="lname"

value="Beckham"><br>

<input type="submit" value="Submit">

<

/form>

</body>

</html>

1. Here is a sample html file with a submit button. Write a JavaScript function to get the value of the href, hreflang, rel, target, and type attributes of the specified link.

<!DOCTYPE html>

<html><head>

<meta charset=utf

-

8 />

</head>

<body>

<p><a id="w3r" type="text/html"

hreflang="en

-

us"

rel="nofollow" target="\_self"

href="https://www.w3resource.com/">w3resource</a></p>

<button onclick="getAttributes()">Click here to get

attributes value</button>

</body></html>

1. Write a JavaScript 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>

1. Write a JavaScript program to remove items from 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>