

Web Programming Lab Experiment List PCS-693

<u>S.N.</u>	<u>Programs</u>
1.	Write a program to implement list, table and images in HTML.
2.	Write a program to implement forms and frames in HTML.
	(Lab Assignment-1) Attached
3.	Write a Program in JavaScript to add a calculator on a web page
4.	Write a code in JavaScript to validate a form (Name, Email, and Mobile).
	(Lab Assignment-2) Attached
5.	Develop and demonstrate a HTML file that includes JavaScript script that uses functions for the following problems: a) Parameter: A string Output: The position in the string of the left-most vowel b)Parameter: A number Output: The number with its digits in the reverse order.
6.	Write a code in JavaScript to implement the array and math object.
7.	a) Design an XML document to store information about a student of a Graphic Era University. The information must include Name, Brach, Year of Joining, and e-mail id. Make up sample data for 3 students. Create a CSS style sheet and use it to display the document. b) Design a DTD Document for the same XML File for validate the file
8.	Write a PHP program to store current date-time in a COOKIE and display the 'Last visited on' date-time on the web page upon reopening of the same page.
9.	Write a PHP program to store page views count in SESSION, to increment the count on each refresh, and to show the count on web page.
10.	Create an HTML form and the write a PHP code for inserting the employee information in database. Information includes employee name, address, phone number, email id, salary etc. All the possible validations should be there.
11	Create an HTML form and write a php code for fetching the employee information from the MySQL database whose salary is less than 10,000pm.
12	With the help of PHP code insert some text in text file. After inserting the text read the text from the same text file and shows it on web page.

NOTE: Take printout of program as well as output also.

Lab Assignment -1

1. Write a JavaScript function to check whether an `input` is a string or not. *Test*

Data :

'Graphic era University'

true

[1, 2, 4, 0]

false

2. Write a JavaScript function to check whether a string is blank or not. *Test*

Data :

(is_Blank("));

(is_Blank('abc'));

true

false

3. Write a JavaScript function to split a string and convert it into an array of words.

Test Data :

(string_to_array("Robin Singh"));

["Robin", "Singh"]

4. Write a JavaScript function to remove specified number of characters from a string.

Test Data :

(truncate_string("Robin Singh",4));

"Robi"

5. Write a JavaScript function to convert a string in abbreviated form.

Test Data :

(abbrev_name("Robin Singh"));

"Robin S."

6. Write a JavaScript function to hide email addresses to protect from unauthorized user.

Test Data :

```
(protect_email("robin_singh@example.com"));  
"robin...@example.com"
```

7. Write a JavaScript function to parameterize a string.

Test Data :

```
(string_parameterize("Robin Singh from INDIA."));  
"robin-singh-from-india"
```

8. Write a JavaScript function to capitalize the first letter of a string.

Test Data :

```
(capitalize('js string exercises'));  
"Js string exercises"
```

9. Write a JavaScript function to capitalize the first letter of each word in a string.

Test Data :

```
(capitalize_Words('js string exercises'));  
"Js String Exercises"
```

10. Write a JavaScript function that takes a string which has lower and upper case letters as a parameter and converts upper case letters to lower case, and lower case letters to upper case.

Test Data :

```
(swapcase('AaBbc'));  
"aAbBC"
```

Lab Assignment -2

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

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

3. Write a JavaScript program to get the current date.

Expected Output :

mm-dd-yyyy,

mm/dd/yyyy or dd-mm-yyyy,

dd/mm/yyyy

4. Write a JavaScript program to find the area of a triangle where lengths of the three of its sides are 5, 6, 7.

5. Write a JavaScript program to rotate the string 'w3resource' in right direction by periodically removing one letter from the end of the string and attaching it to the front.

6. Write a JavaScript program to determine whether a given year is a leap year in the Gregorian calendar.

7. Write a JavaScript program to find 1st January is being a Sunday between 2014 and 2050.

8. 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".

9. Write a JavaScript program to calculate days left until next Christmas.

10. Write a JavaScript program to calculate multiplication and division of two numbers (input from user).

Sample form :