

Question Bank for M2

- 1) Write a JavaScript function that returns a passed string with letters in alphabetical order.
Example string : 'webmaster' Expected Output : 'abeemrstw' Note: Assume punctuation and numbers symbols are not included in the passed string..
- 2) Write a JavaScript program to calculate number of days left until next Christmas.
- 3) Write a JavaScript function that accepts a string as a parameter and counts the number of vowels within the string. Note : As the letter 'y' can be regarded as both a vowel and a consonant, we do not count 'y' as vowel here. Sample Data and output: Example string : 'The quick brown fox' Expected Output : 5
- 4) Develop and demonstrate JavaScript with POP-UP boxes and functions for the following problems:
 - a) Input: Click on Display Date button using onclick() function Output: Display date in the textbox
 - b) Input: A number n obtained using prompt Output: Factorial of n number using alert
 - c) Input: A number n obtained using prompt Output: A multiplication table of numbers from 1 to 10 of n using alert
 - d) Input: A number n obtained using prompt and add another number using confirm Output: Sum of the entire n numbers using alert
- 5) Write a JavaScript program to find out the Fibonacci Series.
- 6) Write an HTML page that contains a selection box with a list of 5 countries. When the user selects a country, its capital should be printed next in the list. Add CSS to customize the properties of the font of the capital (color,bold and font size)
- 7) Write a program to design a simple calculator using JavaScript
- 8) VALIDATING HTML FORM ELEMENTS USING JAVASCRIPT.
- 9) Write a Javascript Program to display the digital clock on the Html page.

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10. Create a form consists of a two Multiple choice lists and one single choice list,

- The first multiple choice list, displays the Major dishes available.
- The second multiple choice list, displays the Starters available.
- The single choice list, displays the Soft drinks available.

The selected items from all the lists should be captured and displayed in a Text Area along with their respective costs. On clicking the 'Total Cost' button, the total cost of all the selected items is calculated and displayed at the end in the Text Area. A 'Clear' button is provided to clear the Text Area.

11)

. Create a web page using two image files, which switch between one another as the mouse pointer moves over the images. Use the onMouseOver and onMouseOut event handlers.

12)

Create a form having number of elements (Textboxes, Radio buttons, Checkboxes, and so on). Write JavaScript code to count the number of elements in a form.

13)

Create a HTML form that has number of Textboxes. When the form runs in the Browser fill the textboxes with data. Write JavaScript code that verifies that all textboxes has been filled. If a textboxes has been left empty, popup an alert indicating which textbox has been left empty.

14)

Write a JavaScript code to find the sum of N natural Numbers. (Use user-defined function)

15)

Create a form for Student information. Write JavaScript code to find Total, Average, Result and Grade.

16)

Create a form for Employee information. Write JavaScript code to find DA, HRA, PF, TAX, Gross pay, Deduction and Net pay.

```
// hra is 40% of basic    // da is 60% of basic    gross=basic+hra+da;

                        // tax is 20%of gross        // pf is 13% of gross
```