

JAVASCRIPT QUESTIONS

1.Create a slide right navigation bar and options holding link using javascript.

2.Create a readonly text box and write a javascript for the following onstraints below.

- ☐ Create buttons use as a input for text box.
- ☐ Create a clear button(deletes every thing in text box).
- ☐ Create brackets button (first time it's pressed it returns '[' and second time ']')
- ☐ And a backspace button.

3. Create a button, and write a javascript that current date details.

4. Write a javascript for, Get input of decimal number and convert it into binary number and count the number of 0's and 1's in binary number

5. Write a javascript for,below pattern

```
*  
* *  
* * *  
* * * *  
* * * * *
```

6) create a button using javascript to display the day after clicking the button.

7) create a button using javascript to display the current time after clicking the button.

8) create three buttons red, green,blue and also get input from the user if the user click the red button and enter the input means the input should be changed to red color similarly for all the three buttons.

9) write a javascript program to find whether the number is prime or not.use alert to display.

10) write a javascript program to find the sum of digits in a number.

11) create one paragraph and "edit" button.if the user click the edit button the paragraph's editing option should enable by using javascript.

12) create one play button if the user click the button welcome audio voice should play in website.

13) write a javascript program to change the background-color as yellow ,font-color is red,font style is italic,alignment is center.

14) Get two strings from the user check whether the second string is present in the first string or not if present alert YES else alert NO.

15)Get input from the user type as password. Write a javascript program to change the type from password to text.

16)create one paragraph with zoomin and zoomout button if the user click the zoomin button the font size should increase by 5px similarly if the user click the zoomout the font size should decrease by 5px.

17)write the javascript program to remove numbers from the string if numbers present in the string or else print the string.

18. 1. Write a javascript program to combine the numbers of a given array into an array containing all combinations

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

Test Data :

```
console.log(capitalize('js string exercises'));  
"Js string exercises"
```

20 .Write a JavaScript function to insert a string within a string at a particular position (default is 1)

Test Data :

```
console.log(insert('We are doing some exercises. '));  
console.log(insert('We are doing some exercises.', 'JavaScript '));  
console.log(insert('We are doing some exercises.', 'JavaScript ', 18));  
"We are doing some exercises."  
"JavaScript We are doing some exercises."  
"We are doing some JavaScript exercises."
```

21. Write a JavaScript function to truncates a string if it is longer than the specified number of characters. Truncated strings will end with a translatable ellipsis sequence ("...") (by default) or specified characters.

Test Data :

```
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 !!"
```

22. Write a JavaScript program to calculate the volume of a sphere.

Sample Output of the form :

Input radius value and get the volume of a sphere.

Radius

Volume

Calculate

23. Write a JavaScript program to create a Clock.

Note: The output will come every second.

Expected Console Output :

"14:37:42"

"14:37:43"

"14:37:44"

"14:37:45"

"14:37:46"

"14:37:47"

24. According to Wikipedia a happy number is defined by the following process :

"Starting with any positive integer, replace the number by the sum of the squares of its digits, and repeat the process until the number equals 1 (where it will stay), or it loops endlessly in a cycle which does not include 1. Those numbers for which this process ends in 1 are happy numbers, while those that do not end in 1 are unhappy numbers (or sad numbers)".

Write a JavaScript program to find and print the first 5 happy numbers.

25. Write a JavaScript program to find the greatest common divisor (gcd) of two positive numbers.

26. Write a JavaScript function to find the GCD (greatest common divisor) of more than 2 integers.

Test Data :

```
console.log(gcd_more_than_two_numbers([3,15,27]));  
console.log(gcd_more_than_two_numbers([5,10,15,25]));
```

Output :

3
5

27. Create a sample form program that collects the first name, last name, email, user id, password and confirms password from the user. All the inputs are mandatory and email address entered should be in correct format. Also, the values entered in the password and confirm password textboxes should be the same. After validating using JavaScript, In output display proper error messages in red color just next to the textbox where there is an error.

28. Create a animation in Javascript.

29. To change the text area size in javascript.

30. Click on the button to detect if the device is android phone or not using javascript.

31. How to Dim entire screen except a fixed area using JavaScript ?

32. Define inline javascript with example.

33. Is it must to declare the variables in js?

34. Differentiate between “let” and “var”.

35. Disadvantage of “var”.

36. Is js and live script are the same?

37. What are all the data types in js?

38. Predict the output:

```
If(undefined==null)  
console.log(“Yes undefined and null are equal”);  
else  
console.log(“No undefined and null are not equal”);
```

39. Predict the output:

```
If(undefined===null)
console.log("Yes undefined and null are equal");
else
console.log("No undefined and null are not equal");
```

40. Predict the output:

```
typeof(undefined);
```

41. Predict the output:

```
typeof(null);
```

42. Create time delay function for 5 sec for each 5 sec you need to display a random different paragraph.

43. Create a traffic signal light (red,green,orange) for each five seconds the colors should change in the correct order.

44. Write the function for finding the reversed number without using build-in function like split(),reverse(),join().

45. Write the javascript program for changing the background color dynamically by using RGB method.

46. Create one paragraph and two buttons one is show another one is hide and also create two functions one for show and another one for hide if you click the hide button the paragraph should hide similarly if you click show button the paragraph should visible.(don't copy the paragraph content to any other variable).

47. Create input box for getting password as a input with key image . write a javascript program if you click the key image the password should be visible to all and the image should change into lock and then click the lock image means your password should not be visible to all and your image should change into key.

48. Create many paragraphs and also create thanos hand gif . if you click the thanos hand gif your paragraphs will automatically hide one by one if you again click the gif all the data's are restored.

49. Get input from the user of range input type and also play anyone video based on the user input the volume of the video should vary.

50.Create form validation form and create submit button use javascript if you press the enter key in your keyboard the submit button should work.

51)create two button A,B and initialize count is zero,if user click the button A then the count will increment by 1 or if user click the button B then the count will decrement by 1.

52)Create a digital watch and it should always display correct time and also there should one button called "change time" to edit the time.After clicking the button only the editing option will work.

53)create a moving text like as name plate of bus.The text should be doted letters.

54)Create a simple c compiler for performing arithmetic operations like addition ,subtraction,multiplication,division,modulus.

55)create a paragraph that contain the following text:

"Arithmetic Programming language is very easy!!!".

you need to change the background color and text's color for each 1 sec.if the background color match with the text color means your dynamic color changing process will stop.

56)Write a pattern program that will display a home .

Example

```
*****
      *****
      *****
*****
**  ****      ***** `
**  ****      *****
**  *****
*****
```

57)create a login form and check whether the emails is correct or not(your email id should contain numbers ,characters,special characters,@ simple ,.com like this) .
(Use only javascript)