Slow Track Js Final Assignment

1. Write a js program to convert lowercase string to uppercase.
2. Write a js program to convert uppercase string to lowercase.
3. Write a js program to toggle case of each character of a string.
4. Write a js program to find total number of alphabets, digits or special character in a string.
5. Write a js program to count total number of vowels and consonants in a string.
6. Write a js program to count total number of words in a string.
7. Write a JavaScript program to list the properties of a JavaScript object
   var student = {
   name : "David Rayy",
   sclass : "VI",
   rollno : 12 };
   Sample Output: name,sclass,rollno

8. Write a JavaScript program to delete the rollno property from the following object. Also print the object before or after deleting the property.
   Sample object:
   var student = {
   name : "David Rayy",
   sclass : "VI",
   rollno : 12 };

   Write a JavaScript program to get the length of a JavaScript object.
9. Sample object :
   var student = {
   name : "David Rayy",
   sclass : "VI",
   rollno : 12 };

10. Write a JavaScript program to display the reading status (i.e. display book name, author name and reading status) of the following books.

    var library = [
      {
        author: 'Bill Gates',
        title: 'The Road Ahead',
        readingStatus: true
      },
      {
        author: 'Steve Jobs',
        title: 'Walter Isaacson',
        readingStatus: true
      },
      {
        author: 'Suzanne Collins',
        title: 'Mockingjay: The Final Book of The Hunger Games',

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        readingStatus: false
        }];
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11. Write a JavaScript program to get the volume of a Cylinder with four decimal places using object classes.
     Volume of a cylinder : V = πr2h

12. Write a js program to print all odd number between 1 to 100.
13. Write a js program to find sum of all natural numbers between 1 to n.
14. Write a js program to find sum of all even numbers between 1 to n.
15. Write a js program to find sum of all odd numbers between 1 to n.
16. Write a js program to print multiplication table of any number.
17. Write a js program to count number of digits in a number.
18. where r is the radius and h is the height of the cylinder.
19. Write a js program to find maximum between two numbers.
20. Write a js program to find maximum between three numbers.
21. Write a js program to check whether a number is negative, positive or zero.
22. Write a js program to check whether a number is divisible by 5 and 11 or not.
23. Write a js program to check whether a number is even or odd.
24. Write a js program to check whether a year is leap year or not.
25. Write a js program to check whether a character is alphabet or not.
26. Write a js program to input any alphabet and check whether it is vowel or consonant.
27. Write a js program to input any character and check whether it is alphabet, digit or special
28. Write a js program to find cube of any number using function.
29. Write a js program to find diameter, circumference and area of circle using functions.
30. Write a js program to find maximum and minimum between two numbers using functions.
31. Write a js program to check whether a number is even or odd using functions.
32. Write a js program to check whether a number is prime, Armstrong or perfect number using functions.
33. Write a js program to find maximum between two numbers using conditional operator.
34. Write a js program to find maximum between three numbers using conditional operator.
35. Write a js program to check whether a number is even or odd using conditional operator.
36. Write a js program to check whether year is leap year or not using conditional operator.
37. Write a js program to check whether character is an alphabet or not using conditional operator.
38. Write a js program to print day of week name using switch case.
39. Write a js program print total number of days in a month using switch case.
40. Write a js program to check whether an alphabet is vowel or consonant using switch case.
41. Write a js program to find maximum between two numbers using switch case.
42. Write a js program to check whether a number is even or odd using switch case.
43. Write a js program to check whether a number is positive, negative or zero using switch case.
44. Write a js program to find roots of a quadratic equation using switch case.
45. Write a js program to create Simple Calculator using switch case.
46. Write a js program to count total number of negative elements in an array.

47. Write a js program to copy all elements from an array to another array.
48. Write a js program to insert an element in an array.
49. Write a js program to delete an element from an array at specified position.
50. Write a js program to count frequency of each element in an array.
51. Write a js program to print all unique elements in the array.
52. Write a js program to count total number of duplicate elements in an array.
53. Write a js program to delete all duplicate elements from an array.
54. Write a js program to merge two array to third array.

Happy Coding!
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