GLS UNIVERSITY
FACULTY OF COMPUTER APPLICATION & INFORMATION TECHNOLOGY
Bachelor of Computer Applications (BCA)
SEMESTER I
210301106 PRACTICALS ON HTML CSS and JavaScript
PRACTICAL ASSIGNMENT – UNIT 4 Introduction to JavaScript

1. Write a JavaScript to display Good Morning.
2. Write a JavaScript program to calculate multiplication and division of two numbers (Value should be take from the user and dipslay result in alert box).
3. Write a JavaScript program to find the area of a triangle. (value should be taken from the user)
4. Write JavaScript to program to display a confirmation message for any operation.
5. Write a JavaScript program to calculate area of circle.(3.14*r*r) (take user input)
6. Write a JavaScript program to convert Celsius to Fahrenheit. ((x*1.8)+32) (take user input)
7. Write a JavaScript program to find the square and cube of a number using function. (take user input)
8. Write a JavaScript program to calculate simple Interest (p*r*n/100). (take user input)
9. Write a JavaScript function that reverses a number. (take user input)
10. Write a JavaScript function that checks whether a passed string is palindrome or not?
11. Create JavaScript program to create mathematical calculator.(functionality-+,*,-,/) Create JavaScript program to create mathematical calculator.(functionality-+,*,-,/)
12. Write a JavaScript function that returns a passed string with letters in alphabetical order. Example string :'webmaster' Expected Output :'abeemrstw' Assume punctuation and numbers symbols are not included in the passed string.
13. Write a JavaScript function that accepts two arguments, a string and a letter and the function will count the number of occurrences of the specified letter within the string. Sample arguments: 'w3resource.com', 'o' Expected output: 2
14. Write a JavaScript function that accepts a string as a parameter and converts the first letter of each word of the string in upper case. Example string : 'the quick brown fox' Expected Output : 'The Quick Brown Fox '
15. Write a JavaScript program to determine whether a given year is a leap year or not.
16. Write a JavaScript program to find prime numbers.

17. Write a JavaScript program to find the factorial of a number.
18. Write a JavaScript program to display the table for aparticular number. (take number from user)
19. Write a JavaScript program that accept two integers and display the larger. (take number from user)
20. Write a JavaScript program that accept three integers and display the smaller. (take number from user)
21. Write a JavaScrip for loop that will iterate from 0 to 15. For each iteration, it will check if the current number is odd or even, and display a message to the screen. Sample Output : "0 is even" "1 is odd" "2 is even" ---------- ----------
22. Write a JavaScript program which iterates the integers from 1 to 100. But for multiples of three print "Fizz" instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz".
23. Write a JavaScript program to find the Armstrong numbers of 3 digits.
24. Write a JavaScript program to compute the greatest common divisor (GCD) of two positive integers.
25. Write a JavaScript program to sum the multiples of 3 and 5 under 1000.
26. Use Built in objects ● String Objects **Methods:** search, slice, substring, replace, toUpperCase,toLowerCase, concat, charAt **Properties:** lengthMaths Objects ● Maths Objects **Methods :** pi,LN10 **Properties :** round, ceil, floor, pow, sqrt, abs, max, min, random ● Date Objects **Methods:** Date, getDate, getDay, getFullYear, getYear, getMonth, getHours, getMinutes, getSeconds