FOSP Lab Sheet
IV Semester
BE Computer

Labsheet#7

Objective

1. To learn in-built functions of JavaScript.
2. Developing Simple Calculator
3. To write JavaScript codes for solving various problem.

1. Implement the following built-in functions:
    a. replace()
    b. substring()
    c. lastIndexOf()
    d. sort()
    e. getMilliseconds()
    f. max()
    g. random()
2. WAP to calculate compound interest for the given principle, no. of years and rate of interest.
3. Create a calculator type form. It should contain three list boxes. The first and third list boxes should list the numbers 0 to 9. The middle list box should list the following mathematical operators: +, -, * and /. The user should be able to select the two numbers and the operation. Answer should be shown on submission of the form.
4. Write a program that reads 10 words from user and outputs only those which have "k" in the beginning.
5. Create an HTML and JavaScript code that include a form with three input fields. The relationship of the value of the fields in that second field is twice the value of the first field. And the third field is square of the first field. If user enters a value in the second or third field, the script should calculate the appropriate value in the other fields.
6. WAP that **finds the sum of odd numbers** from **0 to 100**. i.e. sum = 1 + 3 + … + 99.
7. Write a program to display a number randomly. The Random number should be generated when you click upon a link '**Click Me'**. If the number is less than 20 then show an alert box with a message "***Hey (Random Number) is less than 20.***", and if the random number is greater than 20 then show a alert box with a message "***Your (Random Number) is greater than or equals to 20.***".
8. Write a program that will ask height & width and change the size of the browser window.
9. WAP to read a no. & find out if it is Armstrong no. or not.
10. Write a program that will show the how long you have been visiting the site. Show the time in H:M:S format.