Assignment – Javascript

1. Using Java Script create an HTML document that will prompt a user to input name and age. Check whether the name is correct or not. If the name is correct, check whether the age is greater than or equal to 18.
    *   If age is greater than 18 then print message
        \<name\> you are logged in.
    *   If age is not greater than 18 then print message
        \<name\> you are not authorized.
    *   Else Ask user to renter name and age.

2. Create an HTML document using Java Script that will ask the user to enter the following details : Username, EmalilId, Course, Semester and Phone number. Please provide following validations:
    *   None of the field should be left blank.
    *   The name should not contain numbers or special characters.
    *   Course should either be MCA,BCA,MBA or B.Tech.
    *   Email id must contain '@' symbol and '.'
    *   Mobile number should be numeric and must have 10 digits.
    *   Semesters should be from 1 to 8 and according t courses.
3. Design a digital clock that will display the time in "hours : minutes : seconds" format.
4. Write a program in Java Script to find out whether a given string is in uppercase or not and then check the number of vowels, characters and spaces in the string.
5. Create an HTML document using Java Script that will display an advertisement whenever website is loaded with button. The button will allow the user to close the advertisement, and by clicking on button user will be directed to main page.
6. Create a calculator type form. It should contain three list boxes. There first and third list box should list the numbers through 0 to 9. The middle list box should list the operators. The user should be able to select the two numbers and the operators, submit the form and be show the appropriate answer.
7. Write a web program to show the functionality of DOM tree traversal . Add, delete and replace a child node by taking user input.