JavaScript Termwork

1. Write a program to Display all the prime numbers between 2 and 250.
2. Write a Script to find the number of words, characters , vowels and consonant in a string taken as input from user.
3. Design a web page to open a new window. The new window should contain test written   on it. A confirm box should be displayed on new window to ask the user, whether user wants to close the window or not. If user press OK then close respective window.
4. Design a webpage to take input from user and display the content on the webpage with Text color RED, background color YELLOW, size 24px. The rest of the text should not be changed within the paragraph.
5. Design a registration form and using javascript provide the following validation:
   a. No field should be left blank
   b. Age should contain only numeric value.
   c. Age should be greater than 18
   d. Name should not contain any special character or numbers.

JQuery Termwork
1. Write a jquery code to hide and show an element on button click.
2. Write a jquery code to change the size, background color of a paragraph when user clicks on it.
3. Write a jquery code to display text which user enters into the text box dynamically.
4. Write a jquery code to demonstrate fadeIn() with different parameters.
5. Write a jquery code to display the content of button in a textbox when user clicks on the button.

PHP Termwork
1. Write a PHP script to display the Factorial of all the numbers from 1-10.
2. Write a PHP script to search a given digit in a number.
3. Design an associative, array in PHP, with 'Course' as key and 'Semester' as value and perform following operations (using predefined functions):
   i)   Sort this array with respect to the key, in ascending order.
   ii)   Sort this array with respect to the value, in descending order.
4. Write a PHP script to sort strings using user defined functions.
5. Write a PHP script that will give the following Validations on an HTML form :
   i)   The name field should not be left blank.
   ii)   The name field should not contain numbers and special characters.
   iii)   Course can only be 'MCA', 'BCA' and 'BTECH'.
   iv)   Email should contain '@' and '.' symbol.
6. Write a PHP script to find the occurrence of 'is' in a string and replace it by 'and'.
7. Write a PHP script that will create a Database 'Hospital' and perform following operations :
   i)   Create a table 'Doctors' and put all these details : Id, Name, Specialization, Date_of_joining, Total_experience, Age, Contact_number.
   ii)   Create table 'Rooms'/'Wards' and put all these details : Type, Total_no_of_beds, charges_per_day, number_of_pateints.
   iii)   Insert values in these 2 tables using forms.

The fields should be validated as :

i)   No field should be left blank.
ii)   Fields like age,no_of_beds, etc, should only contain numeric values.
iii)   The no_of_beds should not exceed 20.
iv)   The room should be either 'general', 'ICU' or 'private'.
v)   The specialization should be 'physician', 'surgeon', 'dentist', etc
vi)   Show the details of all the doctors and rooms.
vii)   Based on specialization, search the details of the doctors and display.

Final Assignment

1. Create a Web Site implementing HTML, CSS, JavaScript and PHP.