Exercise – 3   **Form Validation using JavaScript**   **Deadline: 28.02.2021**

Create an online Registration form with the following fields and validate as per the given specifications using HTML5 form Controls, Java Script and Regular Expression.

Fields Required:

a) Salutations - type Radio buttons - options - Mr. Miss, Mrs. Dr.
b) Participant Name - type Text
c) User name - type Datalist (for valid usernames)
d) Password - type password
e) Email - type Email
f) Date of Birth - type date
g) Photo - type image
h) Languages known – type Checkbox – options - English, Tamil, French, others
i) Additional Expertise - Textarea
j) Register - button type Submit
k) Clear - button type Reset

Specifications for Validations:

1. All the fields should be filled or selected, if not, before entering next field error message should be displayed as alert box of the field
2. Name – pattern - Initial, 1 - 2 words allowed
3. Username - pattern - only alphabets, suggest some names for the user to select
4. Password – pattern - atleast one letter uppercase and one lowercase letter, one special character, one number and minimum 8 character length mandatory
5. Email - pattern - xxxx@some.com, xxx.yyy@some.org, xxx@some1.some2.net
6. DOB - not less than 18 or above 35
7. Languages known - atleast 2 should be selected, if others selected, provide textbox to specify the language
8. Put the "Languages known" caption as "Fieldset"
9. On clicking Register button, should pop-up alert message saying that "Details have been submitted Successfully"
9. On clicking Clear, should clear all the contents and set the focus to the first field.
10. Use the attributes: required, autocomplete, min/max, placeholder
11. Add CSS to the controls wherever possible (for example when textfield is focused change the border or background to some color)

Note: Kindly add this modification (Use DOM and Events)

1. When a field is being validated, show the hint aside (right side) of the field
2. If the value does not conformed to the pattern show the error message aside of the field, clear the field, focus on the current field
3. If the value is correctly validated, position the control on the next field
4. Repeat this process for all the field before submitting the form