

1. Design the following Form and validate all form components using Client side Javascript.

The World of Fruit

Fruit Survey

Name

Address

Email

How many pieces of fruit do you eat per day?

☐ 0

☐ 1

☐ 2

☐ More than 2

My favourite fruit

Apple

Banana

Plum

Pomegranate

Would you like a brochure? ☐

Submit

Constraints:

- All Form components should be created as a mandatory field (Should not be left as blank). You can use asterisk symbol in text box and to notify this warning to user.
- Write Regular Expression Patterns for all form fields with Javascript RegExp objects.

2. Create a function called `changeColor()` that will be called when the user presses one of two buttons. The first button will contain the text “Press here for a yellow background”. The second button will contain the text “Press here for a light green background”. The function will take one parameter, a color. Its function is to change the background color of the current document; for example, `bgColor=“yellow”`.

3. Write a JavaScript program that uses the Array and Math objects. Create an array of five sayings; for example, “A stitch in time saves 9,” or “Too many cooks spoil the broth.” Each time the Web page is visited, print a random saying.

