

JAVASCRIPT ADVANCED

1. For the HTML4 form you created as part of earlier exercise, use event-driven programming with JavaScript to handle user events in scenarios like –

a) For the fields that collect the user's name, phone number etc, ensure valid inputs, by using a script to determine if:

- Name provided is legal or not, depending on the required pattern, which is

Last_name, first_name, middle_initial

Also, the first and last names cannot have more than 10 characters.

- Cell phone number is in the correct format - *+ country_code mobile_no*

Automatically provide feedback messages as the user moves from one field to another.

Display appropriate feedback messages with colour coding (use external CSS) to give feedback to the user if data typed does not follow required format, and on how to correct it.

(* using *innerHTML* property)

b) Display the total amount for items bought based on quantity selected as it is entered in each field. User must not be able to edit the content of the text field where the total amount is displayed. (sample screenshot is shown below, you can adapt it as required.)

c) The user clicks the button provided.

Items	Price /kg	Quantity (in kgs)
Item 1	100	<input type="text" value="1"/>
Item 2	40	<input type="text" value="2"/>
Item 3	25	<input type="text" value="1"/>

Note:

1. Submit a detailed report on your individual work and display generated in the browser, errors produced and validation results etc, supported by necessary code snippets.
2. Upload your report and code (well documented) on Moodle to the folder provided before the deadline of **11.59PM on Wednesday, 1st September 2021.**