**Lab 4 – Form Validation Using Javascript!**

**Part 1**

**Q1.** Write a JavaScript and PHP code.

Hyper-Star-LHR-1234

Item Name: (Values in the text field shows the pattern of the item id. “Hyper-Star-LHR” will always remain same. Only last four digits can be changed. There is no restriction of these last four digits, except they must be greater then zero.)

Quantity: (Quantity should always be greater than 0)

2

Item Price: (Item Price should always be positive number)

40

80

Total Price: (This field should be auto-filled, when user enter quantity and price)

Top of Form



Bottom of Form

Write a complete function (this function will be called when user will click the submit button), in JavaScript which validate the following:

1. Validate the pattern of Item Name **(You can use regular expression or simple code – If you want to use regular expression just generate one from internet instead of writing your own ! )**
2. Validate that Quantity is greater than zero
3. Validate that Price is always positive number
4. Total Price field is always auto-filled, when user enters the quantity and price.

In case the input is invalid, display a prompt that asks user to Re-Enter the value and clear the change the background of the field in which invalid data was entered to green.

**Part 2**

**HTML**

Write a HTML form which takes

* First Name
* Last Name
* Age
* Comment

It should also have a Submit and Reset button.

**Javascript**

The form should have basic validation done by javascript. For the moment just ensure all the fields have been filled out with something and are not blank. Display an appropriate alert dialog to let the user know where they have gone wrong.

**CSS**

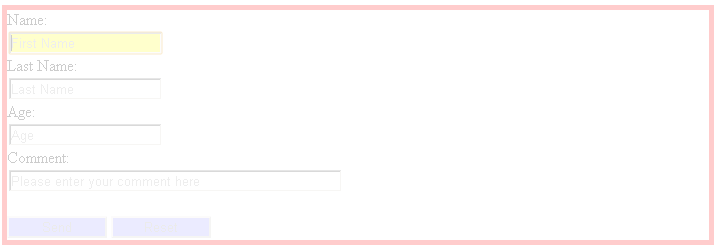
The form should also be styled using CSS.

* Put a border around it.
* Style the buttons. (e.g. Make the background of them blue instead of grey)
* The form should initially be opaque and should only **transition** to becoming solid when the mouse is over it.
* The submit and reset button should remain opaque while filling out the form and should only transition to solid when the mouse is over them specifically. Their width should also transition when the mouse is over them.

**<See screenshots on next page>**

SCREENSHOTS

*Default appearance*



*Mouse over form*

*Mouse over button*