



### Sheet 3

**Objective:** upon successful completion of this sheet, students should be familiar with form handling, form input validation, and how form data is used across multiple web pages.

1. Create an HTML contact form using appropriate form controls to contain the following: first name, last name, email, and password. Write a PHP script file to make sure that the user has provided all the relevant information, as shown in the following figure. After validating the required form fields, the received information is displayed in a tabular form in another PHP script file.

Simple Form

\* Required Field

\* First Name:

\* Last Name:

\* Email:  Email is required !

\* Password:  Password is required !

After form validation

### INPUT RECEIVED

Parameter	Value
First Name	Aser
Last Name	Mohammed
Email Address	aser@gmail.com
Password	1234

**Note that:** The process of checking the required fields is carried out on the same page of the form itself and after validation of the input, the data is transferred into another page.

2. Write a PHP script file that contains and handles a form of a simple calculator as the following.

x=

y=

result= 30

**Note that:** The input numbers should be appeared in the text fields even after clicking the operation buttons. Modify the script file to display the output in a text field.

3. Write a PHP script file using appropriate form controls to convert a temperature in degree Celsius (C) to either an F for Fahrenheit or a K for Kelvin. The output will be displayed in F or K depending on the user's choice. **Note that:** the conversions from C to F and K are  $F=9/5C+32$  and  $K = C+273.15$ , respectively.