In part 3 we used PHP to:

* validate the server side of the form, ensuring that all the data entered and submitted in the form is correct.
* Send data to a tab delimited file, in this case a csv file was used.

**How did the html form connected to the PHP file?**

To receive the information entered in the form the POST method was used. This was used because, there are no URL length limits to deal with.

**PHP functions that were used and their purpose**.

1. The **isset():** It took a variable $submit which holds the value of the submit field. This function is use to check if the form was submitted.
2. The **empty() :** this takes any variable that hold information entered in the form, for example the First name field ,password field, email field etc. This function will check if these fields are left empty.
3. The **Preg\_match():** this function is used to perform a pattern match on two strings. In this case it took a regular expression and variable representing a input field, for example: Password field, to perform a match.
4. The **filter\_var():** this function checks to see if the email that the usere submitted is valid. This function takes a variable that holds an email address that was submitted and **FILTER\_VALIDATE\_EMAIL** to validate the email.
5. The **strcmp():** this function takes two string and compare them. In this case it took two passwords. The user was asked to enter a password and confirm it by rewriting it. The **strcmp ():** will take these passwords and compare them and if they are different then the info won’t be submitted it will instead let the user know that they are different.
6. The **Fopen ():** this function takes a file and a mode. The mode used in this function was ‘a’ because we want to be able to continue adding data to the file.
7. The **Fputcvs ():** this function formats a line as CSV and writes it to an open file
8. The **Fclose ()**: close the file to prevent it from being corrupted.