htmlentities():

* + Converts characters to HTML entities
  + To convert HTML entities back to characters, use the [html\_entity\_decode()](https://www.w3schools.com/PHP/func_string_html_entity_decode.asp) function.

Session:

* Session variables hold information about one single user, and are available to all pages in one application.
* A session is started with the **session\_start()** function.
* The session\_start() must be the first thing in your document
* Session variables are set with the PHP global variable $\_SESSION

Syntax: $\_SESSION [‘key’] = value;

Cookies:

* A cookie is a small file that the server embeds on the user's computer. Each time the same computer requests a page with a browser, it will send the cookie too.
* A cookie is created with set\_cookie()

Syntax: set\_cookie(‘key’, value, expire);

* To fetch value of cookie: $\_COOKIE[‘key’];
* To remove the cookie: set\_cookie(‘key’, value, expire);

Files:

fopen() is used to open a file with specifying the name of the file and mode of open(r,w,a). If the file doesn’t exist this function will create the file

Syntax: fopen(‘filename’);

fclose() is used to close the file. It takes one parameter: the name of the file(can be string or an object if file() or fopen())

* Syntax: fclose(‘filename’);
  + Writing to File:
    - fwrite() is used to write into the file. It takes 2 parameters: name of the file and string to be written into the file

Syntax: fwrite(‘file.txt’, ’This is a string’);

* + Reading to File:
    - fread() reads from an open file. It takes 2 parameters: name of the file and the size of the file

Syntax: fread(‘filename’,filesize(‘filename’)); or

* + - * fopen(‘filename’, ’r’);
  + Appending to File:
    - Appending the content to file and avoiding overwriting of content

Syntax: fopen(‘filename’, ’a’);

* + Checking if file Exist:

Syntax: file\_exists(‘filename’);

* + Renaming File:

Syntax: rename(‘old name’, ’new name’);

* + Deleting File:

Syntax: unlink(‘filename’);

* + Explode Function:
    - Converts the string data of file into array

Syntax: explode("delimiter", $file data);

* + Implode Function:
    - Converts the array to a string

Syntax: implode("glue", $array);

* + $\_FILES[] variable:
    - It is super global variable which is assigned value when a file is uploaded

Syntax: $\_FILES[‘element’];

$\_FILES['fileupload']['name'] = to get the actual name of file

$\_FILES['fileupload']['size']= to get the size of file

$\_FILES['fileupload']['type']= to get the type of file

$\_FILES['fileupload']['tmp\_name']= to get the temporary name