**PHP arrays**

$films = [‘lion king’, ‘star wars’, ’inception’, ‘wolf of wall street’, ‘rush hour’, ‘toy story’];

**Print\_r() & var\_dump()**

Prints readable information about a variable

**Array\_diff($arr1, $arr2)**

Delete array elements by their value. E.g.

$cartoons = array\_diff($films, array(‘star wars’, ‘inception’, ‘wolf of wall street’, ‘rush hour’));

**Count($arr)**

Counts the elements in an array. E.g. count($films); //6

**Foreach($arr as $val)**

**Foreach($arr as $key => $val)**

Loop through an array

**In\_array(‘value’, $arr)**

Searches an array for the value passed in as argument 1. Used mostly in conditional statements. E.g.

If(in\_array(‘lion king’), $films) {

Echo ‘true’;

}

**Array\_pop($arr) / array\_push($arr, ‘value’, ‘another value…’)**

Remove last element from an array / add values to the end of an array

**Array\_reversed($arr)**

Reverse the array

**Sort($arr)**

Sort in alphabetical order for arrays with strings inside them. Sort in numerical order for arrays with numeric values inside them.

**Shuffle($arr)**

Shuffles an array

**Array\_sum($arr)**

Returns the sum of array values – this only works on arrays with numerical values. Strings count as 0. It will pick up numbers as strings, i.e. ‘12’

**Array\_merge($arr1, $arr2)**

Merges 2 arrays together

**Array\_map(callback, $arr)**

Returns an array of the same length which matches the function inside the array. E.g:

Array\_map(‘strtoupper’, $arr);

**Array\_filter($arr, callback)**

Filters an array using a callback function. E.g:

$numbers = [1,2,3,4,5,6,7,8,9];

Function moreThan4($n) {

Return $n > 4;

}

Array\_filter(‘moreThan4’, $numbers); //function name in quotations

**Array\_search(‘val’, $arr)**

Find the index of an element inside an array based on the value. The first index will return if there are multiple elements with the same value. E.g:

$key = array\_search(‘rush hour’, $films); //4