

## 13 Array Information Functions

`count()` - Counts the number of elements in an array.

```
$numbers = array(1, 2, 3, 4, 5);  
echo count($numbers)
```

`sizeof()` - An alias of `count()`. Also counts the number of elements in an array.

```
$numbers = array(1, 2, 3, 4, 5);  
echo sizeof($numbers);
```

`array_sum()` - Computes the sum of values in an array.

```
$numbers = array(1, 2, 3, 4, 5);  
echo array_sum($numbers);
```

`array_product()` - Computes the product of values in an array.

```
$numbers = array(1, 2, 3, 4, 5);  
echo array_product($numbers);
```

`in_array()` - Checks if a value exists in an array.

```
$numbers = array(1, 2, 3, 4, 5);  
if(in_array(3, $numbers)) {  
    echo "3 is in the array."; // This will be printed  
}  
  
if(is_array($numbers)) {  
    echo "This is an array.";  
}
```

`array_key_exists()` - Checks if a key exists in an array.

```
$assoc = array("first" => "apple", "second" => "banana");  
if(array_key_exists("first", $assoc)) {  
    echo "Key 'first' exists in the array.";  
}
```

`array_search()` - Searches the array for a given value and returns the first corresponding key.

```
$assoc = array("first" => "apple", "second" => "banana");  
$key = array_search("banana", $assoc);  
echo $key;
```