Shorthand Index for Creating Arrays:"; $dessert = ['ice-cream', 'cake', 'jelly', 'pudding']; for ($i = 0; $i < count($dessert); $i++) { echo $dessert[$i] . " "; } echo "

Creating Arrays Using range():"; $numbers = range(1, 10); $odds = range(1, 10, 2); $letters = range('a', 'z'); echo "

Associative Arrays"; $prices = array('Table'=>20, 'Chair'=>5, 'Tent'=>50); $prices['Backdrop'] = 250; echo "

Displaying associative array using foreach loop:

"; foreach ($prices as $key => $value) { echo $key."-".$value."

"; } echo "

Displaying associative array using the each() construct:

"; while ($element = each($prices)) { echo $element['key']." - ".$element['value']; echo "

"; } echo "

Displaying associative array using the list() construct and the each() function:

"; reset($prices); while (list($product, $price) = each($prices)) { echo $product . " - " . $price . "

"; } echo "

Creating 2D arrays:

"; $productTable = array(array('TAB', 'Table', 20), array('CHA', 'Chair', 5), array('TEN', 'Tent', 50)); for ($i = 0; $i < count($productTable); $i++) { for ($j = 0; $j < count($productTable[$i]); $j++) { echo $productTable[$i][$j] . ", "; } echo "

"; } echo "

Creating 2D array with column names:

"; $productTable = array(array('Code' => 'RT', 'Description' => 'Round Table', 'Price' => 20 ), array('Code' => 'BC', 'Description' => 'Banquet Chair', 'Price' => 10 ) ); for ($row = 0; $row < count($productTable); $row++) { echo $productTable[$row]['Code'].', '.$productTable[$row]['Description'].', '.$productTable[$row]['Price'].'

'; } echo "

Sorting arrays

"; $products = array('Table', 'Chair', 'Tent'); sort($products); for ($i = 0; $i < count($products); $i++) { echo $products[$i] . " "; } echo "

Sorting associative array by values:

"; $prices = array('Table'=>80, 'Chair'=>5, 'Tent'=>50); $prices['Backdrop'] = 250; asort($prices); foreach ($prices as $key => $value) { echo $key."-".$value."

"; } echo "

Sorting associative array by keys:

"; ksort($prices); foreach ($prices as $key => $value) { echo $key."-".$value."

"; } echo "

" ?>