<!DOCTYPE html>

<html>

<head>

<title>Array Sorting</title>

</head>

<body>

<h1>Array Sorting</h1>

<?php

// Numeric Array

$numericArray = array(5, 2, 8, 1, 9);

echo '<h2>Numeric Array</h2>';

printArrayAndSort($numericArray);

// Associative Array

$associativeArray = array('b' => 4, 'a' => 1, 'd' => 7, 'c' => 3);

echo '<h2>Associative Array</h2>';

printArrayAndSort($associativeArray);

// Multidimensional Array

$multidimensionalArray = array(

array('name' => 'John', 'age' => 25),

array('name' => 'Alice', 'age' => 30),

array('name' => 'Bob', 'age' => 22)

);

echo '<h2>Multidimensional Array</h2>';

printArrayAndSort($multidimensionalArray, 'name'); // Sort by 'name' key

?>

<?php

function printArrayAndSort($array, $sortBy = null) {

echo '<pre>';

echo 'Original Array:';

print\_r($array);

if ($sortBy !== null) {

// Sort the array based on the specified key

usort($array, function ($a, $b) use ($sortBy) {

return $a[$sortBy] <=> $b[$sortBy];

});

echo "\nSorted Array by '$sortBy':";

} else {

// Sort the array

sort($array);

echo "\nSorted Array:";

}

print\_r($array);

echo '</pre>';

}

?>

</body>

</html>