<html>

<head>

<meta charset="utf-8">

<link href="http://fonts.googleapis.com/css?family=Calligraffitti" rel="stylesheet" type="text/css">

<style type="text/css">

h2

{

font-family: calligraffitti;

font-size: 30px;

text-shadow: 3px 3px dimgrey;

}

</style>

</head>

<body bgcolor ="lightgreen">

<h2><u><font color ="blue">States & Poplation</font></u></h2>

<table border="1">

<tr>

<th>States</th>

<th>Population</th>

</tr>

<?php

$array = array("New York, NY" => 8008278, "Los Angeles, CA" => 3694820, "Chicago, IL" => 2896016, "Houston, TX" => 1953631, "Philadelphia, PA" => 1517550, "Phoenix, AZ" => 1321045, "San Diego, CA" => 1223400, "Dallas, TX" => 1188580, "San Antonio, TX" => 1144646, "Detroit, MI" => 951270 );

foreach ($array as $key=>$value)

{

echo "<tr><td>$key</td><td>".$value."</td></tr>";

}

?>

</table>

<br>

<h2><u><font color ="blue">States after being sorted</font></u></h2>

<table border="1">

<tr>

<th>States</th>

<th>Population</th>

</tr>

<?php

asort ($array);

foreach ( $array as $sortCus => $sortPop)

{

echo "<tr><td> $sortCus </td><td>" .$sortPop. "</td></tr>";

}

?>

</table>

<br>

<h2><u><font color="blue">States after unset the 2nd element</font></u></h2>

<table border="1">

<tr>

<th>States</th>

<th>Population</th>

</tr>

<?php

$Sec = array\_keys($array);

unset ($array[$array[1]]);

asort ($array);

foreach ($array as $UnsetSec => $UnsetPop)

{

echo "<tr><td> $UnsetSec </td><td>" .$UnsetPop."</td></tr>";

}

?>

</table>

<br>

<h2><u><font color="blue">States after reverse sort</font></u></h2>

<table border="1">

<tr>

<th>States</th>

<th>Population</th>

</tr>

<?php

arsort($array);

foreach($array as $statesRevers => $PopRevers)

{

echo "<tr><td> $statesRevers </td><td>" .$PopRevers."</td></tr>";

}

?>

</table>

<br>

<h2><u><font color="blue">States after sorting by KEY</font></u></h2>

<table border="1">

<tr>

<th>States</th>

<th>Population</th>

</tr>

<?php

ksort($array);

foreach($array as $statesByKey => $popByKey)

{

echo "<tr><td> $statesByKey </td><td>" .$popByKey."</td></tr>";

}

?>

</table>

<br>

<p>&nbsp;</p>

<p>&nbsp;</p>

<p>&nbsp;</p>

<!-- part 2 -->

<table border="1">

<tr>

<th>UserID</th>

<th>Name</th>

<th>Karma Score</th>

<th>Last LogIn</th>

</tr>

<?php

$Name = array (array('UserID' => 3, 'Name' => Doe, 'Karma Score' => 45, 'Last LogIn' => "2012-08-30"),

array ('UserID' => 2, 'Name' => Smith,'Karma Score' => 123, 'Last LogIn' => "2012-09-02"),

array ('UserID' => 4, 'Name' => Chan,'Karma Score' => 1, 'Last LogIn' => "2011-12-23"),

array ('UserID' => 1, 'Name' => Zee,'Karma Score' => 15, 'Last LogIn' => "2012-07-01"));

usort ($Name, function ($ar1 , $ar2)

{

if ($ar1['UserID'] == $ar2['UserID'])

return 0;

else if ($ar1['UserID'] > $ar2['UserID'])

return 1;

else

return -1;

});

foreach ($Name as $ar)

echo "<tr><td> {$ar['UserID']} </td><td> {$ar['Name']} </td><td> {$ar['Karma Score']} </td><td> {$ar['Last LogIn']} </td></tr>"

?>

</table>

<br>

<table border="1">

<tr>

<th>UserID</th>

<th>Name</th>

<th>Karma Score</th>

<th>Last LogIn</th>

</tr>

<?php

usort ($Name, function ($ar1 , $ar2)

{

if ($ar1['Last LogIn'] == $ar2['Last LogIn'])

return 0;

else if ($ar1['Last LogIn'] > $ar2['Last LogIn'])

return 1;

else

return -1;

});

foreach ($Name as $ar)

echo "<tr><td> {$ar['UserID']} </td><td> {$ar['Name']} </td><td> {$ar['Karma Score']} </td><td> {$ar['Last LogIn']} </td></tr>"

?>

</table>

<br>

<table border="1">

<tr>

<th>UserID</th>

<th>Name</th>

<th>Karma Score</th>

<th>Last LogIn</th>

</tr>

<?php

foreach ($Name as $ar)

if($ar['Karma Score'] > 10 )

echo "<tr><td> {$ar['UserID']} </td><td> {$ar['Name']} </td><td> {$ar['Karma Score']} </td><td> {$ar['Last LogIn']} </td></tr>"

?>

</table>

<form method="post" action="HW3.php">

<input type="text" name="Name" placeholder="Name">

<br>

<input type="text" name="ID" placeholder="your ID">

<br>

<input type="submit" name="submit" value="Submit">

</form>

<?php

if(isset($\_POST['submit']))

{

$post\_name = $\_POST['Name'];

$id = $\_POST['ID'];

$found = false;

foreach($Name as &$val) {

if($val['Name'] == $post\_name) {

$val['Karma Score'] += 5;

$found = true;

}

}

if (!$found)

{

$add = array ('UserID' => $id, 'Name' => $post\_name,'Karma Score' => 1, 'Last LogIn' => date('Y-m-d'));

$Name[] = $add;

}

?>

<?php if(isset($\_POST['submit'])): ?>

<table border="1">

<tr>

<th>UserID</th>

<th>Name</th>

<th>Karma Score</th>

<th>Last LogIn</th>

</tr>

<?php endif?>

<?php

foreach ($Name as $ar)

echo "<tr><td> {$ar['UserID']} </td><td> {$ar['Name']} </td><td> {$ar['Karma Score']} </td><td> {$ar['Last LogIn']} </td></tr>";

}

?>

</table>

<hr>

<p></p>

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</body>

</html>