2D arrays and searching

Here’s the data for the 2D array.

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| Employee name | age | salary | Job |
| Josh | 30 | 100000 | senior analyst |
| John | 50 | 101000 | web warrior |
| Jane | 25 | 102000 | CEO |

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| <?php/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*file: employee-search.phparray $employees contains an array of keys and valuescontains the Josh array, the John array, the Jane arrayproblem 1: search for a name and output all of his detailsproblem 2: search for a name and output only his job\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/include('employee.inc');page\_header('Employee data search');$namesearch = 'John';$job = 'job';$employees = array('Josh' => array( 'age' => '30', 'salary' => '100,000','job' => 'senior analyst' ),//row 0'John' => array('age' => '50', 'salary' => '101,000','job' => 'web warrior'), //row 1'Jane' => array('age' => '25', 'salary' => '102,000','job' => 'CEO') //row 2);//3 rows and 4 columns//print\_r($employees);echo "<hr />";echo "For problem 1: search for a name and output all of his data.<br />";foreach($employees as $name\_emp => $data){ if($name\_emp == $namesearch) { echo "$name\_emp<br />";  foreach ($data as $key => $value) { echo "$key - $value<br />"; } } //end if namesearch } //end outer foreach loopecho "<hr />";echo "For problem 2: search for a name and output only his job data.<br />";foreach($employees as $name\_emp => $data){ if($name\_emp == $namesearch) { echo "$name\_emp is the "; //want to output only one column the job = ceo //doesn't work foreach ($data as $key => $value) { if($key == $job) { echo "$value .<br />";   } //end if job value search } } //end if namesearch }echo "For problem 3: search for a name and output only their salary data.<br />";*[ lots of missing code]*echo "<a href = \"employee-search.php\">GO BACK<a/>";page\_footer('iaquinto');?> |

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| <?php/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Places a footer with a copyright symbol and your name at the bottom of the html page. It then closes the page. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/function page\_footer ($yourname){ echo "<hr />"; echo "<h4><center>&copy; $yourname 2011 <a href=\"mailto:$yourname@ozemail.com.au\">Contact Webmaster</a></center></h4>"; echo "<hr />"; echo "</body> \n </html>\n";}/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Use this function to make an easy page header with a title. This version uses a CSS file to modify the appearance. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/function page\_header ($title){ echo "<html> \n"; echo "<head> \n"; echo " <title> $title </title>\n"; echo " <link rel=\"stylesheet\" href=\"employee.css\" type=\"text/css\">"; echo "<body> \n";}?> |

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| /\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*file: employee.cssapplies styles table data - columns \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/html { margin:0; padding:0;  }body{   font-size: 16px;  margin:2em 0 0 5em; padding:0; font-family: 'Palatino Linotype', Garamond, serif; background: #CCCC99; color: #990033; }label { display: block; width: 100px; float: left; margin-bottom: 10px;  text-align: right; width: 250px; margin-bottom: 10px; padding-right: 10px; font-weight: bold;}input { float: clear;  display: block; width: 100px; float: left; position: relative; margin-bottom: 15px; /\*border: thin yellow dotted; \*/}select{ width: 130px; }fieldset{border: 1px solid #BF3044;/\*reddish\*/width: 30em; padding-bottom: 20px;;}legend{color: #fff;background: #5877B1; /\*smoky blue \*/border: 1px solid #FFFF66; /\*reddish\*/padding: 2px 6px;} .submit input{ color: #fff;background: #5877B1;/\*gold \*/border: 2px outset #FFFF66; /\*outset so it looks like a button \*/margin-left: 4em;margin-top: 2em;font-weight: bold;width: 100px;padding-bottom: 5px;}h1{ color: #666633;}caption{ color:#000; font-style: bold; font-size:1.5em;}table { padding:3px;}td, th { background-color:#FFFFFF; padding:7px 20px 7px 20px;}th {background-color:#CCCC99; color:#000;}a{ text-decoration: none; }a:link{ color:#BF3044; /\* reddish \*/}a:visited{ color: #BF3044; /\* reddish \*/}a:hover { color: #5877B1; /\*smoky blue \*/} |

Assignment:

Using the data about eating places in Australia and their rankings, search for a given city, say, ‘Melbourne’. Output Melbourne’s 1st place restaurant and 2nd place and 3rd place. Add the HTML to post the $searchcity and the $searchrank.

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| <?php/\*\*\*\*\*\*\*\*\*file: eateryandrank.php2D array$searchcity = $\_POST['city'];$searchrank = $\_POST['rank'];\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*///first declare and fill the 2D array$rankeatery = array( 'Melbourne' => array('1st' => 'Pellegrini', '2nd' => 'Red Mango', '3rd' => 'Sweet LA'), 'Sydney' => array('1st' => 'Calombaris', '2nd' => 'Sun Ah', '3rd' => 'Food Inn'), 'Adelaide' => array('1st' => 'Nacho City', '2nd' => 'Muffins Only Muffins', '3rd' => 'Taj Tandoori'), 'Perth' => array('1st' => 'Blue Corn', '2nd' => 'Shakshuka', '3rd' => 'Laffa'));$searchcity = 'Adelaide';$searchrank = '2nd';echo "This will show the data about the searched city: ";foreach($rankeatery as $city => $data){ if($searchcity == $city) { echo "$city<br />"; foreach($data as $rank => $place) { if($searchrank == $rank) { echo "For $rank place the restaurant is $place<br />";  } //close ranksearch if  } //end inner foreach   } //close search city if}?> |