Associative Arrays: Searching

*From* [*http://www.w3schools.com/php/php\_arrays.asp*](http://www.w3schools.com/php/php_arrays.asp)

### Example 1

|  |
| --- |
| $ages = array("Peter"=>32, "Quagmire"=>30, "Joe"=>34); |

### Example 2

This example is the same as example 1, but shows a different way of creating the array:

|  |
| --- |
| $ages['Peter'] = "32";$ages['Quagmire'] = "30";$ages['Joe'] = "34"; |

The ID keys can be used in a script:

|  |
| --- |
| <?php$ages['Peter'] = "32";$ages['Quagmire'] = "30";$ages['Joe'] = "34";echo "Peter is " . $ages['Peter'] . " years old.";?> |

The code above will output:

|  |
| --- |
| Peter is 32 years old. |

Use the code above to see how the associative array works. Output all the data using a foreach loop.

Create a form which uses the associative array data when searching for a name. It will then output the age. Here’s the php file for the search. Re-engineer a previously used form to help you with the SearchNameForm.php .

<?php

 /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 file: SearchNameAge.php

 called from SearchNameForm.php

 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

 $ages['Peter'] = "32";

 $ages['Quagmire'] = "30";

 $ages['Joe'] = "34";

 foreach($ages as $name => $age)

 {

 echo "The name is $name and the age is $age <br />";

 }

echo "let us search for Joe<br />";

$searchname = "Joe";

foreach($ages as $name => $age)

 {

 if($name == $searchname)

 {

 echo "The name is $name and the age is $age <br />";

 }

 }

?>

Just in case the students cannot work out a search form, here is one which has no CSS attached. Correct English can be substituted eg ‘For whom are you searching?’

<?php

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*

file: SearchNameForm.php

calls SearchNameAge.php

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

 echo "<form action=\"SearchNameAge.php\" method=\"post\"><br \>\n";

 echo "<p><label>Who ya lookin for? </label>\n";

 echo "<input type=\"text\" name=\"searchname\"></p><br \>\n";

 echo "<input type=\"submit\" value=\"Find me\"><br \>\n";

 echo "</fieldset><br \>\n";

 echo "</form><br \>\n";

 ?>