# PHP

## EXERCISE 3: SERVER PHOTOALBUM VERSION A

In the HTML exercises you should have created a page for a photo album which showed pictures of the four Beatles. Save a copy of it with the name **photoalbum-server-version-a.php** to turn it into a PHP file. The following PHP code will print out the HTML code to display the pictures of the Beatles automatically. Delete the HTML code for the Beatles pictures you previously typed in by hand and replace it with this PHP code. View the file on the server to see it working.

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| <?php  $john['image'] = "b1.png";  $john['name'] = "John";  $john['description'] = "<p>This is John Lennon. He was one of the Beatles.</p><p>He was one of the two main song-writers.</p>";  $paul['image'] = "b2.png";  $paul['name'] = "Paul";  $paul['description'] = "<p>This is Paul McCartney. He was also one of the Beatles.</p><p>He was the other main song-writer.</p>";  $george['image'] = "b3.png";  $george['name'] = "George";  $george['description'] = "<p>This is George Harrison. He was also one of the Beatles.</p>";  $ringo['image'] = "b4.png";  $ringo['name'] = "Ringo";  $ringo['description'] = "<p>This is Ringo Starr. He was also one of the Beatles.</p>";  $rows[0] = $john;  $rows[1] = $paul;  $rows[2] = $george;  $rows[3] = $ringo;  $numberOfPhotos = count( $rows);    for( $i = 0; $i < $numberOfPhotos; $i++) {    if ( $i % 3 == 0) {  if ( $i > 0) { print "</div>\n"; }  print "<div class='w3-row'>\n";  }  $row = $rows[$i];  print " <div class='w3-container w3-row w3-col l4'>\n";  print " <div class='w3-container w3-card-8 w3-margin-8'>\n";  print " <div class='w3-container w3-half w3-image'>\n";  print " <a class='example-image-link' data-lightbox='example-1' href='images/".$row['image']."'><img src='images/".$row['image']."' class='example-image w3-circle'></a>\n";  print " <div class='w3-title w3-text-purple'>".$row['name']."</div>\n";  print " </div>\n";  print " <div class='w3-container w3-half'>\n";  print $row['description']."\n";  print " </div>\n";  print " </div>\n";  print " </div>\n";  }  print "</div>\n";  ?> |

Examine the HTML source code this script produces at the web browser. You should be able to see it looks the same as the one you typed in manually before. To add more pictures to this script, you would need to add additional array declarations to the file like the ones for the four Beatles pictures, and save the corresponding pictures into the **images** folder. Add a picture in this way, of anything you like, with a suitable description.

Although this is less typing to add a picture, it’s hardly convenient. Don’t worry we are working towards uploading images something like you would to twitter or facebook.

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| **EXERCISE 3: SERVER PHOTO ALBUM VERSION A** |
| ***Required in your report (basic exercise).*** |
| * The PHP code for the additional picture you added to the array. * A clickable link to this page in your Daydream account. * Reflection on the tasks and all activities involved. |
| ***Extended Tasks*** |
| * Write an explanation of how the main for loop in this script arranges the pictures into rows of three. |
| *Original additional work:*  *Investigate and experiment with any related subject matter that interests you.* |