**ARRAY QUIZ**

Problem #1: Note the array setup was done on one line – it wrapped here.

<?php

$books = array("Wordpress"=>"Friedman","PHP6/MySQL"=>"Harris","PHP and MySQL"=>"Murach","Ajax and PHP"=>"Darie");

foreach ($books as $title=>$author)

{

echo "<h3> The title is <u>$title</u> and the author is $author</h3>";

}

?>

Output:

The title is Wordpress and the author is Friedman

The title is PHP6/MySQL and the author is Harris

The title is PHP and MySQL and the author is Murach

The title is Ajax and PHP and the author is Darie

**Problem#2**

<?php

$titleIn = "PHP and MySQL";

$books = array("Wordpress"=>"Friedman","PHP6/MySQL"=>"Harris","PHP and MySQL"=>"Murach","Ajax and PHP"=>"Darie");

echo "The author of $titleIn is $books[$titleIn]";

$answer = $books[$titleIn];

echo "<br>The author of $titleIn is $answer";

echo "<br>The author of $titleIn is ";

echo $books[$titleIn];

echo "<br><br>";

echo "<br>The author of Wordpress is ";

echo $books['Wordpress'];

echo "<br>The author of Wordpress is $books[Wordpress]";

?>

Output:

The author of PHP and MySQL is Murach  
The author of PHP and MySQL is Murach  
The author of PHP and MySQL is Murach  
  
  
The author of Wordpress is Friedman  
The author of Wordpress is Friedman

Problem #3:

<html>

<head><title>Arrays</title></head>

<body>

<h2>Distance</h2>

<?php

$distanceArray = array(

array (50, 40, 30, 20),

array (25, 20, 15, 10),

array (100, 90, 80, 70),

array (200, 150, 100, 50),

array (500, 400, 300, 200)

);

$distance = $distanceArray[3][2];

print ("The distance is $distance<br>");

?>

</body>

</html>

**Problem #4:**

<html>

<head><title>Arrays</title></head>

<body>

<h2>Distance</h2>

<?php

$distanceArray = array(

array (50, 40, 30, 20),

array (25, 20, 15, 10),

array (100, 90, 80, 70),

array (200, 150, 100, 50),

array (500, 400, 300, 200)

);

for ($i = 0; $i <= 4; $i++)

{

for ($j = 0; $j <= 3; $j++)

{

echo $distanceArray[$i][$j];

echo " ";

}

echo "<br>";

}

?>

</body>

</html>

**Output:**

The distance is 100.

Output:

50 40 30 20   
25 20 15 10   
100 90 80 70   
200 150 100 50   
500 400 300 200

**Problem #5:**

<html>

<head><title>Arrays</title></head>

<body>

<h2>Distance</h2>

<?php

$distanceArray = array(

array (50, 40, 30, 20),

array (25, 20, 15, 10),

array (100, 90, 80, 70),

array (200, 150, 100, 50),

array (500, 400, 300, 200)

);

foreach ($distanceArray as $keyOut => $valueOut)

{

foreach ($valueOut as $keyIn => $valueIn)

{

echo $valueIn;

echo " ";

}

echo "<br>";

}

?>

</body>

</html>

**Output:**

50 40 30 20   
25 20 15 10   
100 90 80 70   
200 150 100 50   
500 400 300 200