

Intro to PHP 1

Exercises.

Exercise One

Write a PHP page which holds your name and age in two variables, and which generates a webpage containing the message similar to this:

First PHP Example

Hello Kevin, you were born in 1962.

Exercise Two

Write a PHP page which contains 5 variables, each one containing a different numerical value.

The page should display the numbers, calculate and display the total when they are all added together, and also calculate their mean.

It should display something like this:

Second PHP Example

The numbers are: 2, 5, 8, 12, 33

The sum of the numbers is: 60

The mean of the numbers is: 12

Exercise Three

Write a PHP page which contains two loops, which will output a multiplication square.

Remember that HTML tables use the tags: <table>, <tr> and <td>

It should display something like this:

Third PHP Example

1	2	3	4	5
2	4	6	8	10
3	6	9	12	15
4	8	12	16	20
5	10	15	20	25

Intro to PHP 1

Answers.

Exercise One

```
<html>
  <body>
    <h1>First PHP Example</h1>

    <?php
    $name = "Kevin";
    $age = 45;
    $year = 2008 - $age;
    echo "Hello ".$name.", you were born in ".$year;
    ?>

  </body>
</html>
```

Exercise Two

```
<html>
  <body>
    <h1>Second PHP Example</h1>

    <?php
    $num1 = 2;
    $num2 = 5;
    $num3 = 8;
    $num4 = 12;
    $num5 = 33;

    $total = $num1+$num2+$num3+$num4+$num5;
    $mean = $total/10;

    echo "The numbers are:".$num1.", ".$num2.", ".$num3.", ".$num4.", ".$num5;
    echo "<br />";
    echo "The sum of the numbers is: ".$total;
    echo "<br />";
    echo "The mean of the numbers is: ".$mean;
    ?>

  </body>
</html>
```

Exercise Three

```
<html>
  <body>
    <h1>Third PHP Example</h1>

<?php
echo "<table>";
$row = 1;
while ($row <= 5)
{
    echo "<tr>";
    $col = 1;
    while ($col <= 5)
    {
        echo "<td>";
        $product=$row*$col;
        echo $product;

        $col = $col + 1;
        echo "</td>";
    }

    $row = $row + 1;
    echo "</tr>";
}
echo "</table>";
?>

  </body>
</html>
```