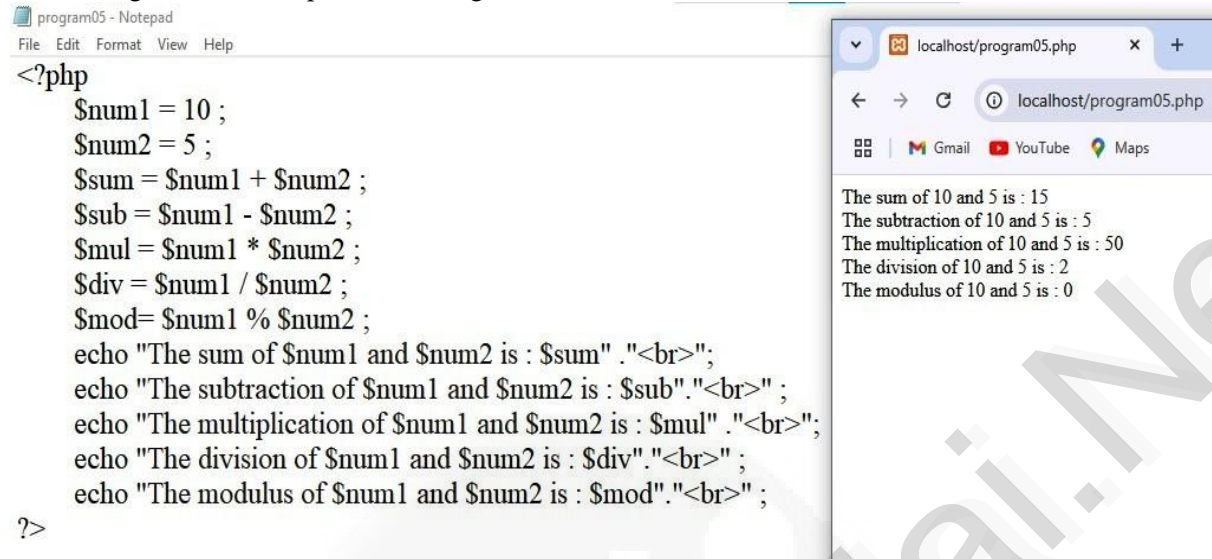


PROGRAM – 5

Performing Arithmetic Operations using PHP:



```

program05 - Notepad
File Edit Format View Help
<?php
$num1 = 10 ;
$num2 = 5 ;
$sum = $num1 + $num2 ;
$sub = $num1 - $num2 ;
$mul = $num1 * $num2 ;
$div = $num1 / $num2 ;
$mod= $num1 % $num2 ;
echo "The sum of $num1 and $num2 is : $sum" . "<br>";
echo "The subtraction of $num1 and $num2 is : $sub" . "<br>";
echo "The multiplication of $num1 and $num2 is : $mul" . "<br>";
echo "The division of $num1 and $num2 is : $div" . "<br>";
echo "The modulus of $num1 and $num2 is : $mod" . "<br>";
?>

```

localhost/program05.php

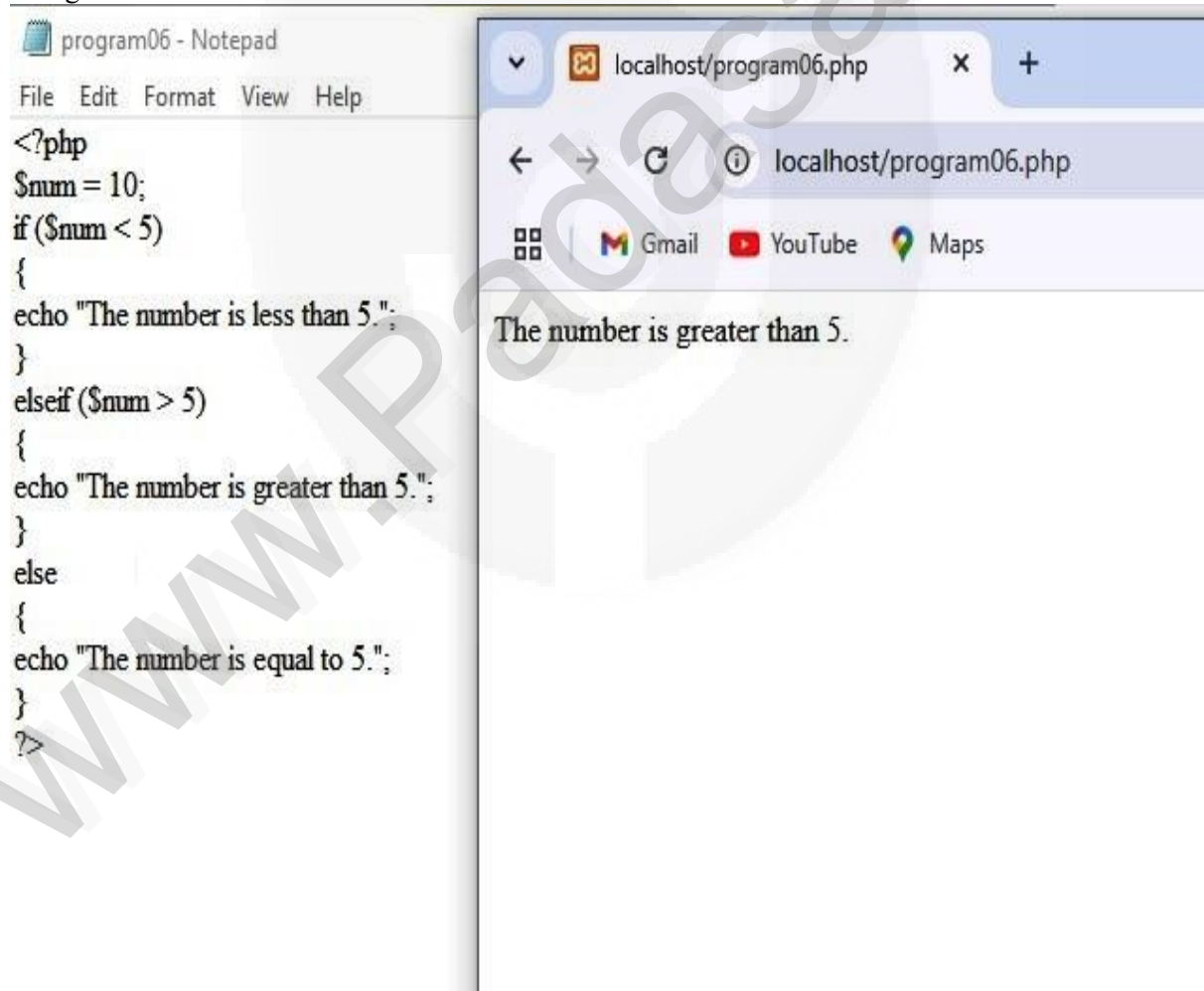
localhost/program05.php

Gmail YouTube Maps

The sum of 10 and 5 is : 15
 The subtraction of 10 and 5 is : 5
 The multiplication of 10 and 5 is : 50
 The division of 10 and 5 is : 2
 The modulus of 10 and 5 is : 0

PROGRAM – 6

Using a if ...else if ...else statement in PHP:



```

program06 - Notepad
File Edit Format View Help
<?php
$num = 10;
if ($num < 5)
{
echo "The number is less than 5.";
}
elseif ($num > 5)
{
echo "The number is greater than 5.";
}
else
{
echo "The number is equal to 5.";
}
?>

```

localhost/program06.php

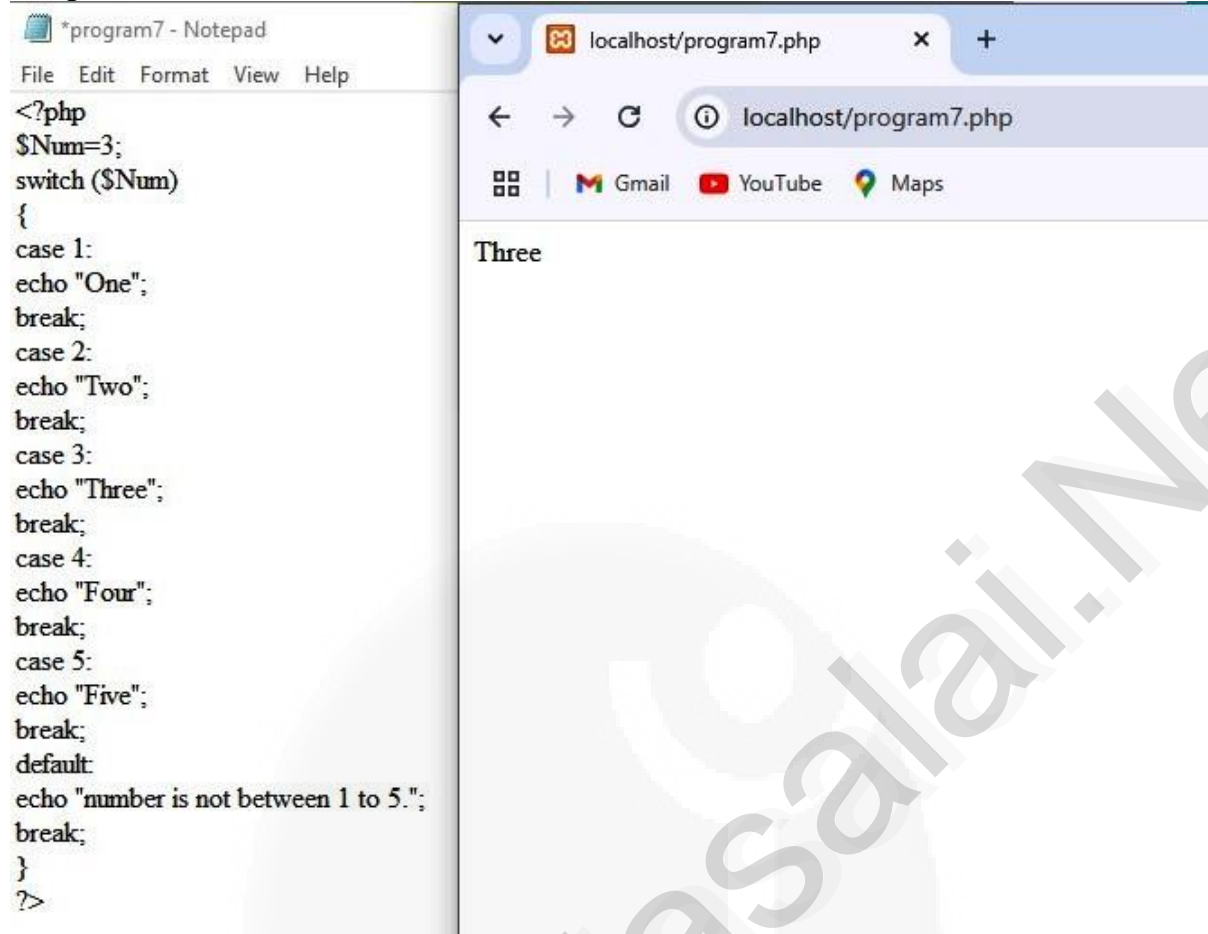
localhost/program06.php

Gmail YouTube Maps

The number is greater than 5.

PROGRAM – 7

Using a switch statement in PHP:



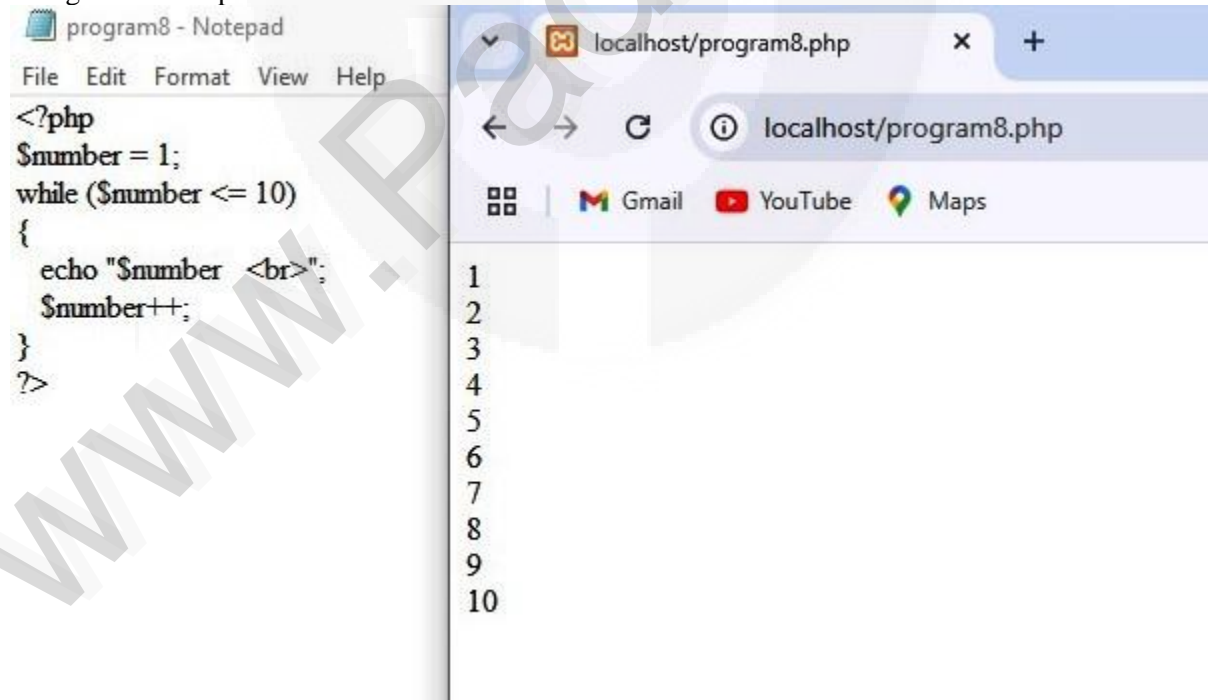
The screenshot shows a Notepad window on the left with the following PHP code:

```
<?php
$Num=3;
switch ($Num)
{
case 1:
echo "One";
break;
case 2:
echo "Two";
break;
case 3:
echo "Three";
break;
case 4:
echo "Four";
break;
case 5:
echo "Five";
break;
default:
echo "number is not between 1 to 5.";
break;
}
?>
```

On the right, a web browser window displays the output of the script: "Three". The browser's address bar shows "localhost/program7.php".

PROGRAM – 8

Using a while loop in PHP:



The screenshot shows a Notepad window on the left with the following PHP code:

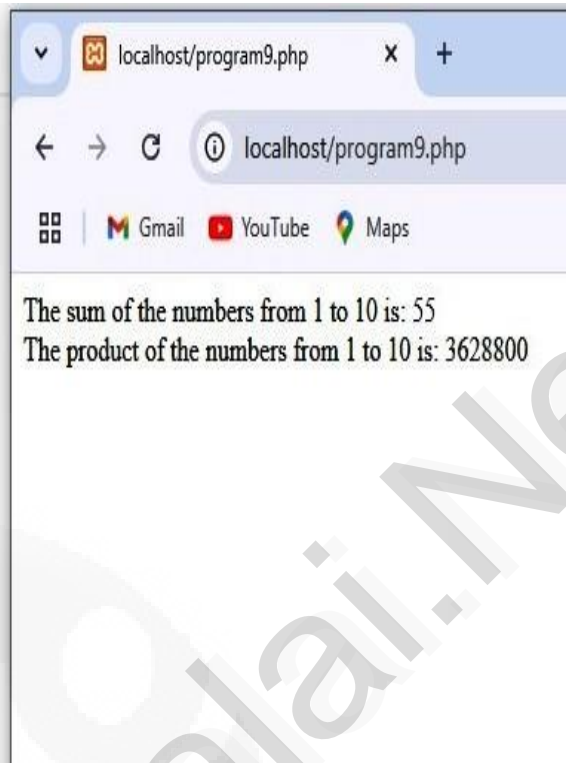
```
<?php
$number = 1;
while ($number <= 10)
{
echo "$number <br>";
$number++;
}
?>
```

On the right, a web browser window displays the output of the script: a list of numbers from 1 to 10, each on a new line. The browser's address bar shows "localhost/program8.php".

PROGRAM – 9

Using a for loop in PHP:

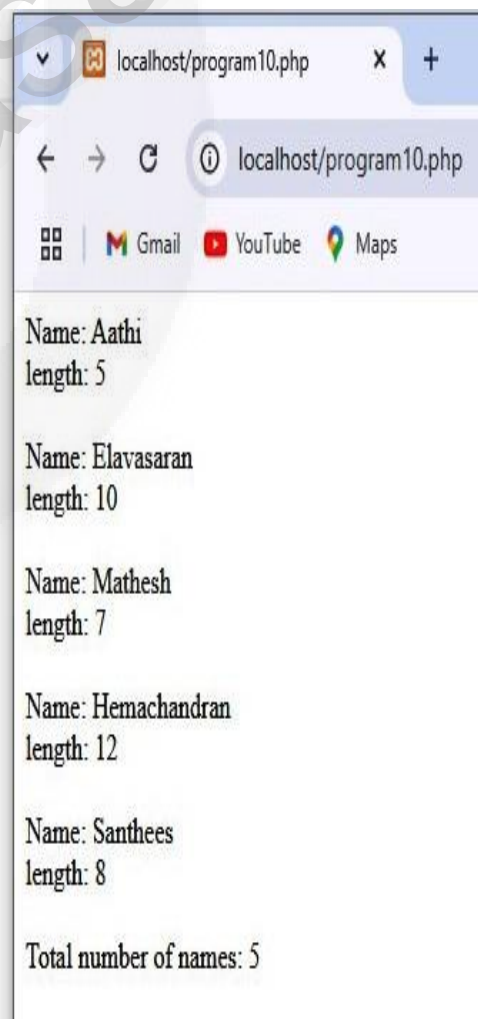
```
program9 - Notepad
File Edit Format View Help
<?php
$Sum = 0;
$Product = 1;
for ($i = 1; $i <= 10; $i++)
{
    $Sum += $i;
    $Product *= $i;
}
echo "The sum of the numbers from 1 to 10 is: $Sum <br>";
echo "The product of the numbers from 1 to 10 is: $Product <br>";
?>
```



PROGRAM – 10

Using a foreach loop in PHP:

```
program10 - Notepad
File Edit Format View Help
<?php
$Names = array ('Aathi', 'Elavasaran', 'Mathesh', 'Hemachandran', 'Santhees');
foreach ($Names as $Name)
{
    echo "Name: $Name<br>";
    echo "length: " . strlen($Name) . "<br><br>";
}
$count = count ($Names);
echo "Total number of names: $count <br>";
?>
```



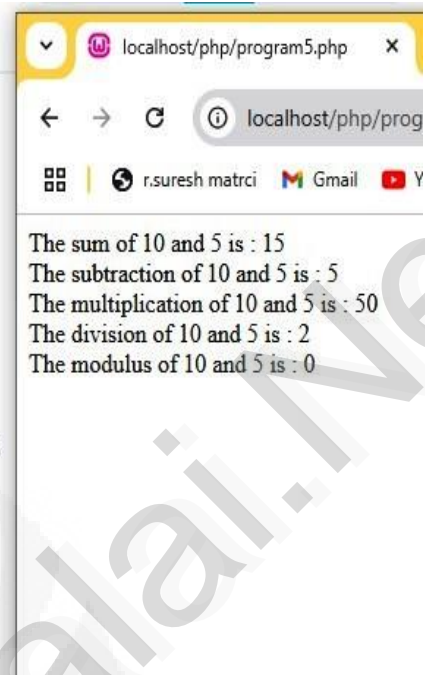
PROGRAM – 5

Performing Arithmetic Operations using PHP:

```

program5 - Notepad
File Edit Format View Help
<?php
    $num1 = 10 ;
    $num2 = 5 ;
    $sum = $num1 + $num2 ;
    $sub = $num1 - $num2 ;
    $mul = $num1 * $num2 ;
    $div = $num1 / $num2 ;
    $mod= $num1 % $num2 ;
    echo "The sum of $num1 and $num2 is : $sum" . "<br>";
    echo "The subtraction of $num1 and $num2 is : $sub" . "<br>";
    echo "The multiplication of $num1 and $num2 is : $mul" . "<br>";
    echo "The division of $num1 and $num2 is : $div" . "<br>";
    echo "The modulus of $num1 and $num2 is : $mod" . "<br>";
?>

```

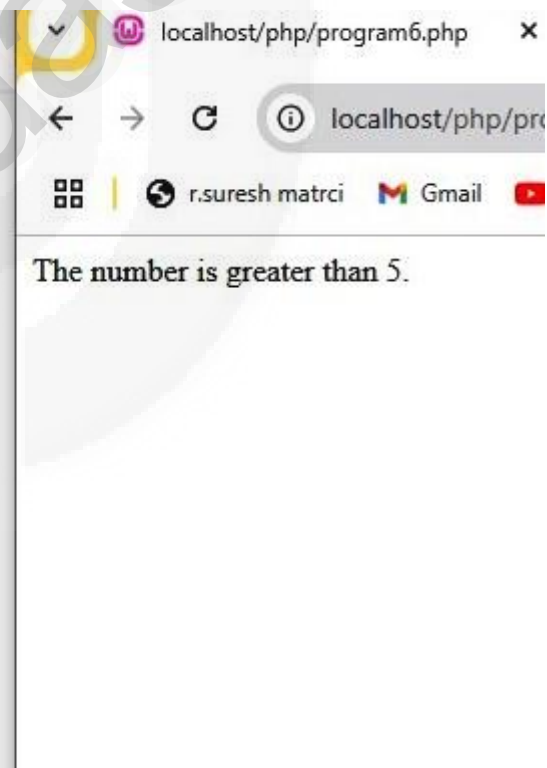
**PROGRAM – 6**

Using a if ...else if ...else statement in PHP:

```

program6 - Notepad
File Edit Format View Help
<?php
$num = 10;
if ($num < 5)
{
    echo "The number is less than 5.";
}
elseif ($num > 5)
{
    echo "The number is greater than 5.";
}
else
{
    echo "The number is equal to 5.";
}
?>

```



PROGRAM – 7

Using a switch statement in PHP:

```
program7 - Notepad
File Edit Format View Help
<?php
$Num=3;
switch ($Num)
{
case 1:
echo "One";
break;
case 2:
echo "Two";
break;
case 3:
echo "Three";
break;
case 4:
echo "Four";
break;
case 5:
echo "Five";
break;
default:
echo "number is not between 1 to 5.";
break;
}
?>
```



localhost/php/program7.php
localhost/ph
r.suresh matrci Gmail
Three

PROGRAM – 8

Using a while loop in PHP:

```
program8 - Notepad
File Edit Format View Help
<?php
$number = 1;
while ($number <= 10)
{
echo "$number <br>";
$number++;
}
?>
```



localhost/php/program8.php
localhost/ph
r.suresh matrci Gmail
1
2
3
4
5
6
7
8
9
10

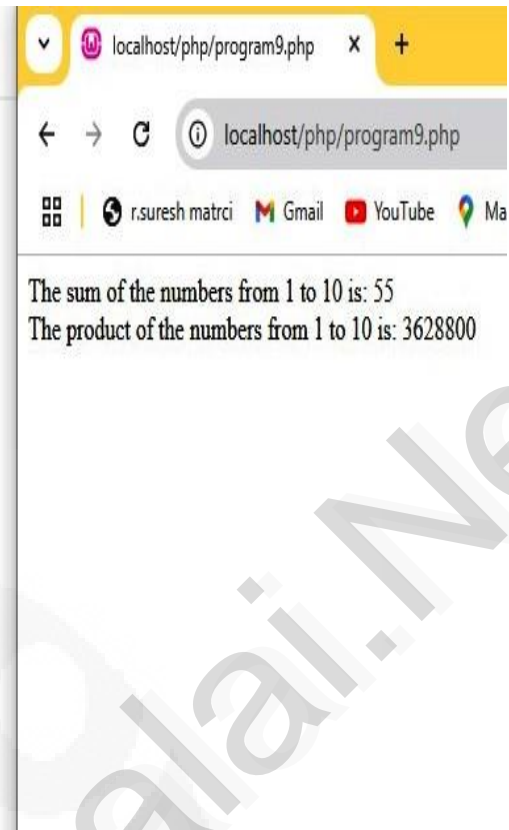
PROGRAM – 9

Using a for loop in PHP:

program9 - Notepad

File Edit Format View Help

```
<?php
$Sum = 0;
$Product = 1;
for ($i = 1; $i <= 10; $i++)
{
    $Sum += $i;
    $Product *= $i;
}
echo " The sum of the numbers from 1 to 10 is: $Sum <br>";
echo " The product of the numbers from 1 to 10 is: $Product <br>";
?>
```



PROGRAM – 10

Using a foreach loop in PHP:

program10 - Notepad

File Edit Format View Help

```
<?php
$Names = array ('Aathi', 'Elavasaran', 'Mathesh', 'Hemachandran', 'Santhees' );
foreach ($Names as $Name)
{
    echo "Name: $Name<br>";
    echo "length: " . strlen($Name) . "<br><br>";
}
$count = count ($Names);
echo "Total number of names: $count <br>";
?>
```

