

PHP For Loop

Topics : [PHP](#)

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PHP For Loop is Control Statement which can be used to run block of code for the specified number of times.

Syntax:

```
for(Initialization; Condition; Increment/Decrement){  
    //code to be executed for For Loop  
}
```

Parameters:

1. Initialization => Initialize the loop counter value
2. Condition => Evaluate each iteration value. The loop continuously executes until the condition is false. If TRUE, the loop execution continues, otherwise the execution of the loop ends.
3. Increment/Decrement => It increments or decrements loop counter value.

Example :

```
<?php  
for ($i = 0; $i <= 5; $i++) {  
    echo "The number is: $i <br>";  
}  
?>
```

where \$i = 0 - counter starts value at 0.
\$i <= 5 - Loop will be executed until counter will reach at value 5.
\$i++ - Counter value will be incremented by value 1.

Output:

The number is: 1
The number is: 2
The number is: 3
The number is: 4
The number is: 5

PHP Nested For Loop :

If For loop inside for loop in PHP, it is called as nested for loop. The inner for loop executes only when the outer for loop condition is true.

Example : Displays a pyramid of stars.

```
<?  
for($i=0;$i<=6;$i++)  
{  
  
    for($j=0;$j<=$i;$j++)  
    {  
        echo(" * ");
```

```
}  
echo("<br />");
```

```
}  
?>
```

Outputs :

```
*  
* *  
* * *  
* * * *  
* * * * *  
* * * * *  
* * * * *  
* * * * * *
```

Output :

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