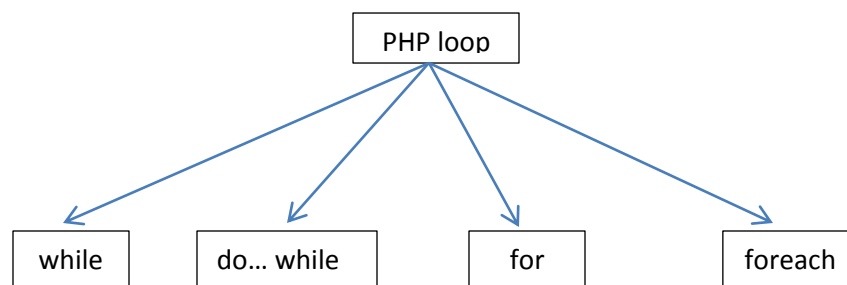




PHP loops (for loop & foreach loop)

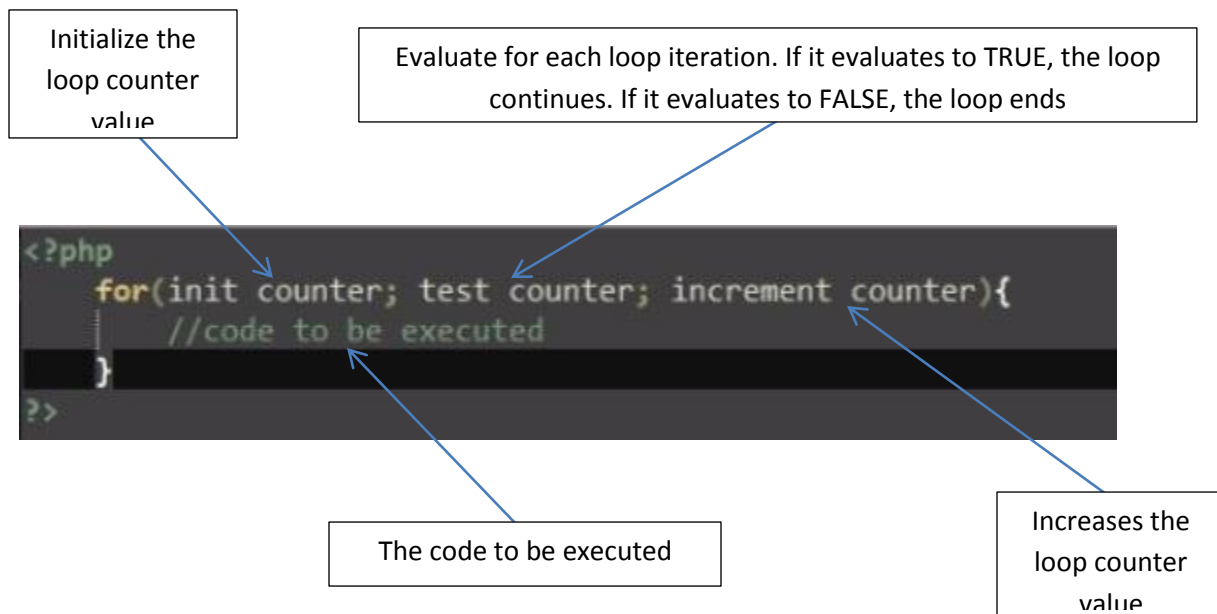
Often when you write code, you want the same block of code to run over and over again.

Instead of adding several almost equal code-lines in a script, we can use loops to perform a task like this.



For loop

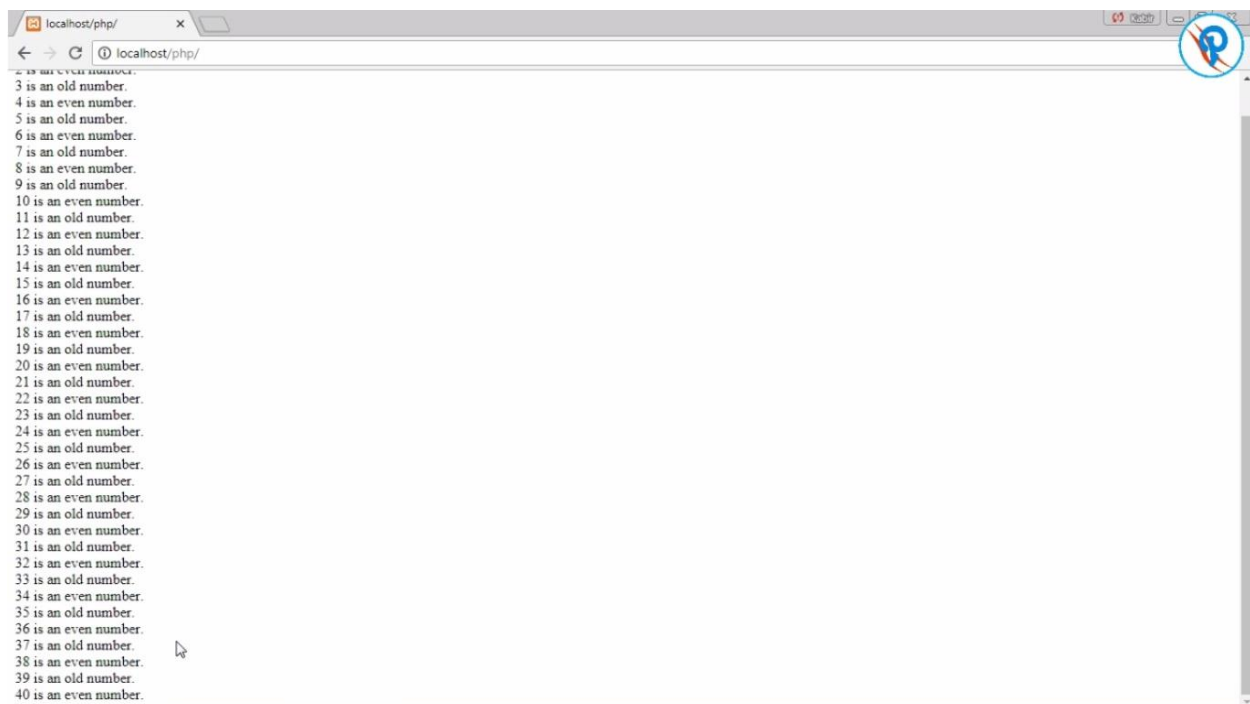
The **for loop** is used when you know in advance how many times the script should run.



PRACTICAL EXAMPLE:

Below is an algorithm that will check the number from 1 to 40 and print each number whether it is an old number or an even number.

```
<?php
for($x=1; $x<=40; $x++){
    if($x % 2 == 1){
        echo $x . ' is an old number.<br />';
    }else{
        echo $x . ' is an even number.<br />';
    }
}
```

**Foreach loop**

The foreach loop works only on arrays, and is used to loop through each key/value pair in an array.

We will discuss on arrays in next tutorial.