

PHP continue ...





Loop



Loop

- While Loop
- For Loop
- Foreach Loop
- Do While Loop



Loop(while loop)

- Syntax:

```
while (condition is true)
{ // execute code }
```

Example:

```
<?php
// Set a variable with your starting number
$startingNum = 10;
// While $startingNum is less than or equal to 20
while ($startingNum <= 20) {
// Echo the variable on the screen
// We'll also concatenate a <br> tag at the end
echo $startingNum . "<br>";
// Then increment the value by 1
$startingNum++;
}
?>
```



Loop(for loop)

- Syntax:

```
for (initialize counter; test if TRUE; increment counter) {  
    // execute code  
}
```

Example:

```
for ($a = 0; $a <= 20; $a++) {  
    echo "Number: $a <br>";  
}
```



Loop(foreach loop)

- Syntax:

```
foreach ($array as $value)
{
    // execute code
}
```

Example:

```
foreach($age as $x => $x_value) {
    echo "Key=" . $x . ", Value=" . $x_value;
    echo "<br>";
}
```



Loop(do while loop)

- Syntax:

```
do {  
    // execute code  
} while ( condition to be met );
```

Example:

```
/ Set a variable  
$i = 1;  
do {  
    // Do this code  
    echo "Number: $i <br>";  
    $i++;  
}  
// Then evaluate this condition  
// Repeat loop if TRUE  
while ( $i <= 10 );
```





Array



Array

- Creating Array
 - array()
 - Example: `$valarray = array("10", "20", "30");`
- Accessing Array Element
 - Example: `echo $valarray[1];`



Array

- Associative Arrays

- Example: \$valarray =

```
array(1=>"10",  
      2=> "20",  
      5=> "30");
```

- Accessing Array Element

- Example: echo \$valarray[5];



Array

- Multi-Dimensional Arrays

- Example :

```
$students = array (  
  array (  
    name => "XXXXXXX",  
    id => 10001  
  ),  
  array (  
    name => "YYYYYYY",  
    id => 10002  
  ),  
  array (  
    name => "ZZZZZZZ",  
    id => 10003  
  )  
);
```



Array & Loop

- Accessing array in loop

- Example :

- For Indexed array

- ```
for($x = 0; $x < $arrlength; $x++) {
 echo $val[$x];
 echo "
";
}
```

- For Associative array

- ```
foreach($age as $x => $x_value) {  
    echo "Key=" . $x . ", Value=" . $x_value;  
    echo "<br>";  
}
```

