

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)



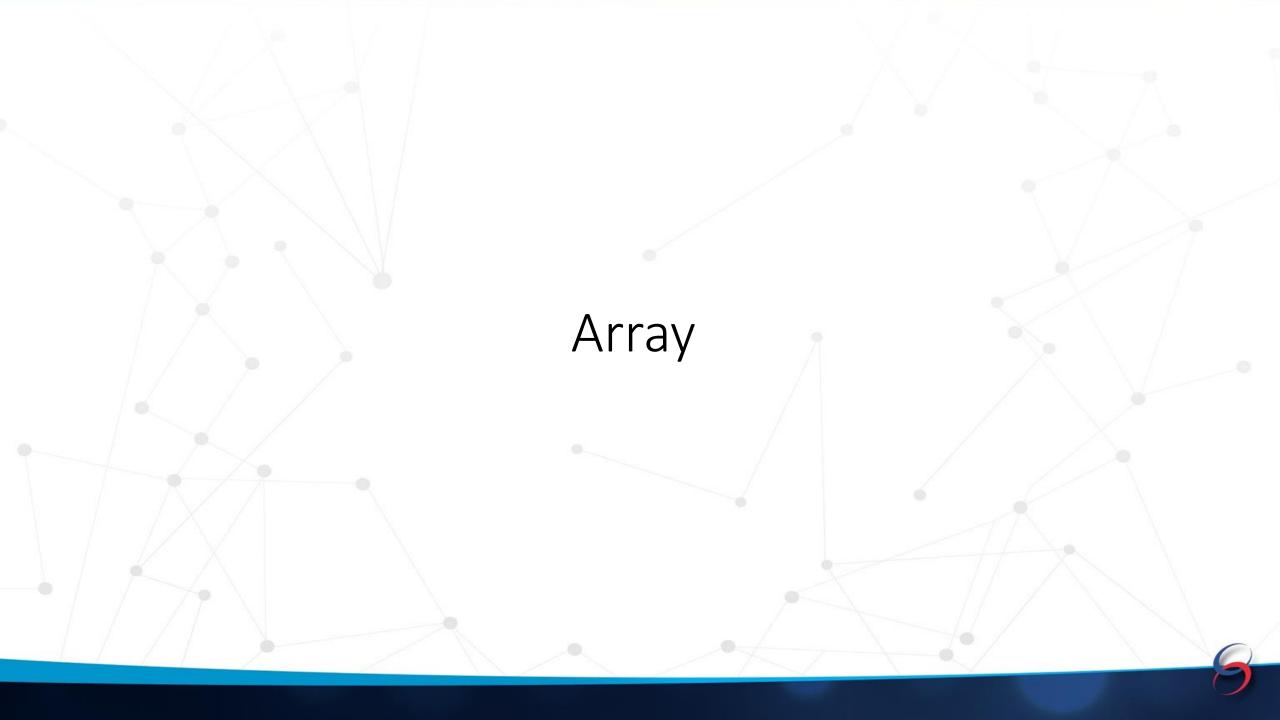
Loop(foreach loop)



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
"; \$i++; // Then evaluate this condition // Repeat loop if TRUE while (\$i <= 10);





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 => "YYYYYY",
    id => 10002
    array (
    name => "ZZZZZZ",
    id => 10003
```



Array & Loop

- Accessing array in loop
 - Example:

```
    For Indexed array
        for($x = 0; $x < $arrlength; $x++) {
            echo $val[$x];
            echo "<br>";
        }
```

For Associative array

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

