



Waterford Institute of Technology



PHP LAB 2

SAMITHA SOMATHILAKA

Department of Computing & Mathematics, WIT



PHP IF ELSE



PHP IF ELSE

- PHP if else statement is used to test condition.
- There are various ways to use if statement in PHP.
 - if
 - if-else
 - if-else-if
 - nested if

PHP IF STATEMENT

- PHP if statement is executed if condition is true.

Syntax

```
if(condition){  
    //code to be executed  
}
```

```
<?php  
$num=12;  
if($num<100){  
    echo "$num is less than 100";  
}  
?>
```

PHP IF-ELSE STATEMENT

- PHP if-else statement is executed whether condition is true or false

Syntax

```
if(condition){  
    //code to be executed if true  
}else{  
    //code to be executed if false  
}
```

```
<?php  
$num=12;  
if($num%2==0){  
    echo "$num is even number";  
}else{  
    echo "$num is odd number";  
}  
?>
```

PHP - THE IF...ELSEIF...ELSE STATEMENT

- The if...elseif...else statement executes different codes for more than two conditions

```
<?php
$t = 5;

if ($t < 10) {
    echo "Have a good morning!";
} elseif ($t < 20) {
    echo "Have a good day!";
} else {
    echo "Have a good night!";
}
?>
```

PHP SWITCH

- PHP switch statement is used to execute one statement from multiple conditions. It works like PHP if-else-if statement.

Syntax

```
switch(expression){  
  case value1:  
    //code to be executed  
    break;  
  case value2:  
    //code to be executed  
    break;  
  .....  
  default:  
    code to be executed if all cases are not matched;  
}
```

```
<?php
$num=20;
switch($num){
case 10:
echo("number is equals to 10");
break;
case 20:
echo("number is equal to 20");
break;
case 30:
echo("number is equal to 30");
break;
default:
echo("number is not equal to 10, 20 or 30");
}
?>
```




PHP FOR LOOP

PHP FOR LOOP

- PHP for loop can be used to traverse set of code for the specified number of times.
- It should be used if number of iteration is known otherwise use while loop.

```
for(initialization; condition; increment/decrement){  
    //code to be executed  
}
```

PHP FOR LOOP

```
<?php  
for($n=1;$n<=10;$n++){  
echo "$n<br/>";  
}  
?>
```

PHP NESTED FOR LOOP

```
<?php
for($i=1;$i<=3;$i++){
for($j=1;$j<=3;$j++){
echo "$i  $j<br/>";
}
}
?>
```



PHP WHILE LOOP

PHP WHILE LOOP

- PHP while loop can be used to traverse set of code like for loop.
- It should be used if number of iteration is not known.

```
while(condition){  
    //code to be executed  
}
```

PHP WHILE LOOP

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



PHP DO WHILE LOOP

PHP DO WHILE LOOP

- PHP do while loop can be used to traverse set of code like php while loop.
- The PHP do-while loop is guaranteed to run at least once.

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

PHP DO WHILE LOOP

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