

# PHP

If

```
<?php
```

```
$x = 12;
```

```
if ($x > 0) {
```

```
    echo "The no is +ve";
```

```
}
```

```
?>
```

This statement allows us to set a condition. On true the following block of code enclosed within the if clause will be executed.

If..else

If a condition is true then if block gets executed, otherwise else block gets executed.

```
if (condn) {
```

```
    st
```

```
}
```

```
else {
```

```
    st
```

```
}
```

```
<?php
```

```
$x = 12;
```

```
if ($x > 0) {
```

```
    echo "The no is +ve";
```

```
}
```

```
else {
```

```
    echo "The no is -ve";
```

```
}
```

```
?>
```

If.. elseif.. else

```
If (condition) {  
    // code  
}  
elseif {  
    // if true  
}  
elseif {  
    // if true  
}  
else {  
    // if false  
}
```

Switch statement

The Switch performs in various cases, i.e., it has various cases to which it matches the condition & appropriately executes a particular case block

```
switch(n) {  
    case s1:  
        code  
        break;  
    case s2:  
        code  
        break;  
    default:  
        ...  
}
```

<?php

```
$n = "february";
```

```
switch($n) {
```

```
    case "January":
```

```
        echo "January";  
        break;
```

```
    case "February":
```

```
        echo "February";  
        break;
```

```
    case "March":
```

```
        echo "March";  
        break;
```

```
    default:
```

```
        echo "doesn't exist";  
}
```

?>

## PHP loops

while - loops through a block of code as long as the specified conditions is true

do..while - loops through a block of code once and then repeats the loop as long as the specified condition is true

for - loops through a block of code a specified no. of times

for each - loops through a block of code for each element in an array

## do..while

```
$i = 1  
while ($i < 6) {  
  echo $i;  
  $i++;  
}
```

```
$i = 1;  
do {  
  echo $i;  
  $i++;  
} while ($i < 6);
```

## break statement

```
$i = 1;  
while ($i < 6) {  
  if ($i == 3) break;  
  echo $i;  
  $i++;  
}
```

## for loop

```
for (exp1; exp2; exp3) {  
  //  
}
```

## foreach loop

```
$c = array("red", "green", "blue", "yellow");  
foreach ($colors as $x) {  
  echo "$x <br>";  
}
```

## Continue

```
$i = 0;  
while ($i < 6) {  
  $i++;  
  if ($i == 3)  
    continue;  
  echo $i;  
}
```