

Slide 3.4: PHP strings
 Slide 3.6: PHP if statement
[Home](#)



PHP Operators

Arithmetic Operators

| Operator | Description | Example | Result | Operator | Description | Example | Result |
|----------|----------------|------------|--------|----------|------------------------------------|--------------|----------|
| + | Addition | x=2 x+2 | 4 | - | Subtraction | x=2 5-x | 3 |
| * | Multiplication | x=4 x*5 | 20 | / | Division | 15/5 5/2 | 3 2.5 |
| ++ | Increment | x=5 x++ | x=6 | % | Modulus (division remainder) | 5%2 | 1 |
| -- | Decrement | x=5 x-- | x=4 | | | 10%8 10%2 | 2 0 |

Assignment Operators

| Operator | Example | Is the Same as | Operator | Example | Is the Same as |
|----------|---------|----------------|----------|---------|----------------|
| = | x=y | x=y | += | x+=y | x=x+y |
| -= | x-=y | x=x-y | *= | x*=y | x=x*y |
| /= | x/=y | x=x/y | %= | x%=y | x=x%y |

Comparison Operators

| Operator | Description | Example | Operator | Description | Example |
|----------|--------------------------------|-----------------------|----------|-----------------------------|----------------------|
| == | is equal to | 5==8 returns false | != | is not equal | 5!=8 returns true |
| > | is greater than | 5>8 returns false | < | is less than | 5<8 returns true |
| >= | is greater than or equal to | 5>=8 returns false | <= | is less than or equal to | 5<=8 returns true |

Logical Operators

| Operator | Description | Example | Operator | Description | Example |
|-------------------|-------------|---|-----------|-------------|---|
| && | and | x=6 y=3 (x < 10 && y > 1) returns true | | or | x=6 y=3 (x==5 y==5) returns false |
| ! | not | x=6 y=3 !(x==y) returns true | | | |

[Slide 3.4: PHP strings](#)[Slide 3.6: PHP if statement](#)[Home](#)