

PERL ARITHMETIC OPERATORS EXAMPLE

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Assume variable *a* holds 10 and variable *b* holds 20 then following are the Perl arithmetic operators –

Operator	Description	Example
+	Addition - Adds values on either side of the operator	$a + b$ will give 30
-	Subtraction - Subtracts right hand operand from left hand operand	$a - b$ will give -10
*	Multiplication - Multiplies values on either side of the operator	$a * b$ will give 200
/	Division - Divides left hand operand by right hand operand	b/a will give 2
%	Modulus - Divides left hand operand by right hand operand and returns remainder	ba will give 0
**	Exponent - Performs exponential <i>power</i> calculation on operators	$a * * b$ will give 10 to the power 20

Example

Try the following example to understand all the arithmetic operators available in Perl. Copy and paste the following Perl program in test.pl file and execute this program.

```
#!/usr/local/bin/perl

$a = 21;
$b = 10;

print "Value of \$a = $a and value of \$b = $b\n";

$c = $a + $b;
print 'Value of $a + $b = ' . $c . "\n";

$c = $a - $b;
print 'Value of $a - $b = ' . $c . "\n";

$c = $a * $b;
print 'Value of $a * $b = ' . $c . "\n";

$c = $a / $b;
print 'Value of $a / $b = ' . $c . "\n";

$c = $a % $b;
print 'Value of $a % $b = ' . $c . "\n";

$a = 2;
$b = 4;
$c = $a ** $b;
print 'Value of $a ** $b = ' . $c . "\n";
```

When the above code is executed, it produces the following result –

```
Value of $a = 21 and value of $b = 10
Value of $a + $b = 31
Value of $a - $b = 11
```

Value of $a * b = 210$

Value of $a / b = 2.1$

Value of $a \% b = 1$

Value of $a ** b = 16$

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