

PERL ATAN2 FUNCTION

http://www.tutorialspoint.com/perl/perl_atan2.htm

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Description

This function returns the arctangent of Y/X in the range -PI to PI.

Syntax

Following is the simple syntax for this function:

```
atan2 Y, X
```

Return Value

This function returns arctangent of Y/X in the range -PI to PI.

Example

Following is the example code showing its basic usage –

```
#!/usr/bin/perl
$Y = 30;
$X = 60;

$ret_val = atan2 ($Y, $X );

print "atan2 of 30/60 is : $retval\n";
```

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

```
atan2 of 30/60 is :
```