

# PHP round

Topics : [PHP](#)

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PHP round() function is used to round a floating point number.

## Syntax :

```
round(number,precision,mode);
```

*Parameter,*

**number** : Required. it is floating number.

**precision** : Optional. It specifies number of digits after the decimal point. Default is 0

**mode** : Optional. Below constant to specify the rounding mode in which rounding occurs.

- **PHP\_ROUND\_HALF\_UP** : Rounds number away from zero when it is half way there, making 5.5 into 6 and -5.5 into -6.
- **PHP\_ROUND\_HALF\_DOWN** : Rounds number towards zero when it is half way there, making 5.5 into 5 and -5.5 into -5.
- **PHP\_ROUND\_HALF\_EVEN** : Rounds number towards the nearest even value when it is half way there, making both 5.5 and 6.5 into 6.
- **PHP\_ROUND\_HALF\_ODD** : Rounds number towards the nearest odd value when it is half way there, making 5.5 into 5 and 6.5 into 6.

## Example :

```
<?php
//code by aryatechno
echo "<br> The round number for 0.45 is ".round(0.45);
echo "<br> The round number for 0.85 is ".round(0.85);
echo "<br> The round number for -3.65 is ".round(-3.65);
echo "<br> The round number for -7.15 is ".round(-7.15);
echo "<br> The round number for -12.87 is ".round(-12.87);
//using mode with round() function
echo "<br> The round number with mode for 11.50 is ".round(11.50, 0,
PHP_ROUND_HALF_UP);
echo "<br> The round number with mode for 11.50 is ".round(11.50, 0,
PHP_ROUND_HALF_DOWN);
echo "<br> The round number with mode for 11.50 is ".round(11.50, 0,
```

```
PHP_ROUND_HALF_EVEN);  
echo "<br> The round number with mode for 11.50 is ".round(11.50, 0,  
PHP_ROUND_HALF_ODD);  
>
```

**Output :**

*The round number for 0.45 is 0*  
*The round number for 0.85 is 1*  
*The round number for -3.65 is -4*  
*The round number for -7.15 is -7*  
*The round number for -12.87 is -13*  
*The round number with mode for 11.50 is 12*  
*The round number with mode for 11.50 is 11*  
*The round number with mode for 11.50 is 12*  
*The round number with mode for 11.50 is 11*

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