THE WORLD'S LARGEST WEB DEVELOPER SITE

Python format() Function

< Built-in Functions

Example

Format the number 0.5 into a percentage value:

```
x = format(0.5, '%')
```

Run example »

Definition and Usage

The format() function formats a specified value into a specified format.



format(value, format)

Parameter Values

Parameter	Description
value	A value of any format
format	The format you want to format the value into.
	Legal values:
	'<' - Left aligns the result (within the available space)
	'>' - Right aligns the result (within the available space)
	'^' - Center aligns the result (within the available space)
	'=' - Places the sign to the left most position
	'+' - Use a plus sign to indicate if the result is positive or negative
	'-' - Use a minus sign for negative values only
	' ' - Use a leading space for positive numbers
	',' - Use a comma as a thousand separator
	'_' - Use a underscore as a thousand separator
	'b' - Binary format
	'c' - Converts the value into the corresponding unicode character
	'd' - Decimal format
	'e' - Scientific format, with a lower case e
	'E' - Scientific format, with an upper case E
	'f' - Fix point number format
	'F' - Fix point number format, upper case
	'g' - General format
	'G' - General format (using a upper case E for scientific notations)
	'o' - Octal format

- 'n' Number format
- '%' Percentage format

More Examples

Example

Format 255 into a hexadecimal value:

```
x = format(255, 'x')
```

Run example »

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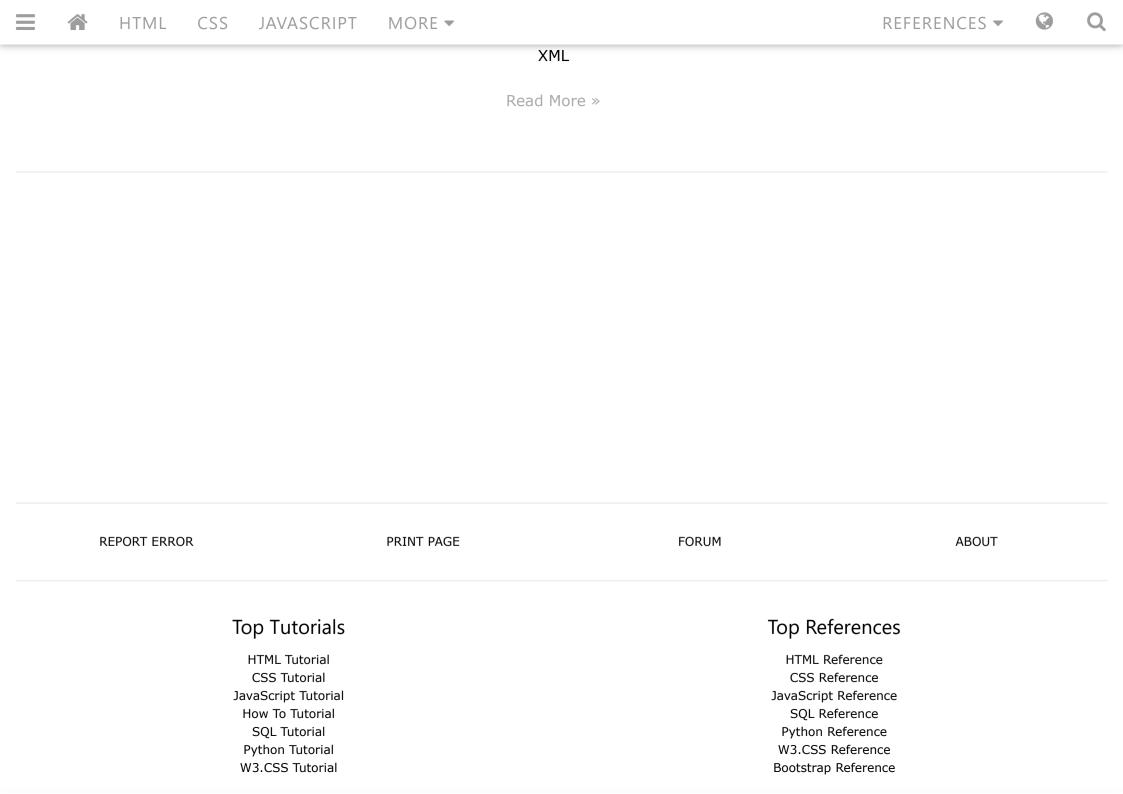
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