

### Basic

```
{ [field_name] [! conversion] [: format_spec] }
```

- **field\_name**: variable name
- **conversion**: pre-convert the variable
- **format\_spec**: format the output

### Conversion

s	Calls <code>str()</code>
r	Calls <code>repr()</code>
a	Calls <code>ascii()</code>

### Examples

```
'{:<-<10}'.format('abc')      'abc-----'
```

```
'{:,.2f}'.format(12345.6789)  '12,345.68'
```

### Type

f / F	Floating point
d	Integer (decimal - default for int)
%	Percentage
b	Binary
o	Octal
x / X	Hex
e / E	Exponential
g / G	General (default for float)
n	number (generic)
c	character (unicode)

### Format Specification

```
: [align] [sign] [width] [options] [.precision] [type]
```

### Align

fill	Any character to fill any extra space (precedes the alignment character)
<	left-aligned (default for objects)
>	right-aligned (default for numbers)
^	centered
=	fill space between sign and number

### Sign

+	both positive and negative sign are shown
-	only negative sign is shown
" "	space for positive, "-" for negative

### Options

#	Alternate form (*before width)
,	Adds "," as thousands separator
_	Adds "_" as thousands separator

