

# Comparison of String Formatters

	Output	printf-style	string.Formatter	f-string
x = 'Hi' y = 'Python'	Hi Python!!	'%s %s' % (x, y)	'{ } { }'.format(x, y)	f'{x} {y}'
x = 'Hi' y = 'Python'	_Hi Python_!!	-	'{: _>3} {: _<7}!!'.format(x, y)	f'{x:_>3} {y:_<7}!!'
x = 12 y = -12	+012 -012	'%+04d %+04d' % (x, y)	'{: +04d} {: +04d}'.format(x, y)	f'{x:+04d} {y:+04d}'
x = -123	-123 -123	-	'{: <6d}'.format(x) '{: >6d}'.format(x)	f'{x: <6d}' f'{x: >6d}'
x = 1000	0x3EB 0x1750 0b1111101000	'0x%X' % x '0o%o' % x -	'0x{:x}'.format(x) '0o{:o}'.format(x) '0b{:b}'.format(x)	f'0x{x:x}' f'0o{x:o}' f'0b{x:b}'
x = 1234.567	1234.57 1234.567 1.234567E+03 1.23E+03	'%1.2f' % x '%.3f' % x '%E' % x '%.2E' % x	'{:1.2f}'.format(x) '{: .3f}'.format(x) '{:E}'.format(x) '{: .2E}'.format(x)	f'{x:1.2f}' f'{x:.3f}' f'{x:E}' f'{x:.2E}'
x = 1234.567	12.3 12.3 24.7	'%.1f %.1f %.1f' % (x/100, x/100, x*2/100)	'{0:.1f} {0:.1f} {1:.1f}'. format(x/100, x*2/100)	f'{x/100:.1f}\ {x/100:.1f} \ {x*2/100:.1f}'