

### Function print()

**value** One or more values to be printed. These can be of any data type, like str, list, etc

**sep** Separator between each value. A space by default

**end** String to be printed at the end of the output. '\n' by default

**file** Where the output will be printed. the console by default

```
print( value, ..., sep, end, file, flush)
print( 'Hello, world!', file=f, end = " ") equal to f.
write(' Hello, world!')
```

### f-string (old version)

% under version 2.6

```
"%s ... text ... %d ...text... %.2f" % (var1, var2, var3)
```

the % symbol is used as a string formatting operator. The tuple at the end is applied. %s for string variable; %d for an integer; %.nf for float with n demical places

.format() version 2.7 - 3.5

```
"{} ... {:.6e} ... {:.2f} ".format(var1, var2, var3)
```

the {} symbol is used as a string formatting operator. format() at the end. {} for an integer, {:.6e} for a number in scientific format with 6 demical places, etc

### f-string version 3.5+

```
f"...te xt...{ variable}...t ex t..."
```

```
f"{v ari abl e:^ - center within a field of width n
n}"
```

```
f"{v ari abl e:s ymb ole ^n} "
```

```
f"{v ari abl e:< - leftalign within a field of width n
n}"
```

```
f"{v ari abl e:> - rightalign within a field of width n
n}"
```

```
f"{v ari abl e:n - equal to f"{v ari abl e:> n}"
}"
```

```
f"{v ari able:d} integer = int()
```

```
{variable :.n f} floating-number with n demical places
```

```
f"{v ari abl e:e - scientific format
}"
```

```
f"{v ari abl e:n - scientific format with n demical places
e}"
```

```
f"{v ar:.{i nt} f}"
```

To combine multiple formats, the order is as follows : width, demical places, scientific format



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