

### Data Types

Integer	-256, 15
Float	-253.23, 1.253e-10
String	"Hello", 'Goodbye', ""Multiline""
Boolean	True, False
List	[ value, ... ]
Tuple	( value, ... ) <sup>1</sup>
Dictionary	{ key: value, ... }
Set	{ value, value, ... } <sup>2</sup>

<sup>1</sup> Parentheses usually optional

<sup>2</sup> Create an empty set with set()

### Statements

if [Bedingung]:

*statements*

elif [Bedingung]:

*statements*

### While Loop

while *expression*

### For Loop

for *var* in *collection*:

*statements*

### Counting For Loop'

for *i* in **range**(*start*, *end* [ *step* ]

### Functions (aka Operations)

len(s)	length of s
s[i]	ith item in s (0-based)
s[start : end]	slice of s from start (included) to end (excluded)
x in s	<b>True</b> if x is contained in s
x not in s	<b>True</b> if x is not contained in s
s + t	the concatenation of s with t
s * n	n copies of s concatenated
sorted(s)	a sorted copy of s
s.index(i-tem)	position in s of item
s.upper()	uppercase copy of s
s.lower()	lowercase copy of s
s.replace(-old, new)	copy of s with old replaced with new
s.split(delim )	list of substrings delimited by delim

See also <http://docs.python.org/library/stdtypes.html#string-methods>



By **WazZzUuuup**

[cheatography.com/wazzzuuuup/](http://cheatography.com/wazzzuuuup/)

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