

## Methodes, functies en constanten

### Opmerkingen:

- Parameters tussen vierkante haken zijn optioneel en kan je dus achterwege laten. Hetgeen achterwege wordt gelaten, wordt automatisch ingevuld door Python met standaardwaarden. Start met weglaten vanaf de binnenste vierkante haken.

De notatie `find(sub:str [, start:int [, end:int]])` stelt dus drie mogelijke vormen voor:

```
find(sub:str, start:int, end:int)
```

```
find(sub:str, start:int)
```

```
find(sub:str)
```

- Type hinting is niet toegevoegd indien er meerdere mogelijkheden zijn.

Python	
<b>functies</b>	<pre>abs(x) -&gt; int of float input([prompt]) -&gt; str open(name:str [, mode:str]) -&gt; file print(*object [, end=...] [, file=...]) -&gt; None type(object) -&gt; type  bool(x) -&gt; bool float(x) -&gt; float int(x) -&gt; int str(x) -&gt; str  list(iterable) -&gt; list tuple(iterable) -&gt; tuple  ord(c:str) -&gt; int chr(i:int) -&gt; str  len(object) -&gt; int round(x [, ndigits:int]) -&gt; int of float  range(stop:int) -&gt; range range(start:int, stop:int [, step:int]) -&gt; range  min(iterable [, key]) -&gt; int of float of ... max(iterable [, key]) -&gt; int of float of ... sum(iterable [, key]) -&gt; int of float  enumerate(iterable [, start:int]) -&gt; enumerate sorted(iterable [, reverse=True]) -&gt; list</pre>
module random	
<b>functies</b>	<pre>randint(a:int, b:int) -&gt; int random() -&gt; float  choice(iterable) -&gt; int of float of ... shuffle(iterable) -&gt; None</pre>

<b>module math</b>		
<b>constanten</b>	e -> float	pi -> float
<b>functies</b>	ceil(x) -> int floor(x) -> int trunc(x) -> int exp(x) -> float log(x [, base]) -> float log10(x) -> float pow(x, y) -> float sqrt(x) -> float degrees(x) -> float radians(x) -> float	cos(x) -> float sin(x) -> float tan(x) -> float acos(x) -> float asin(x) -> float atan(x) -> float atan2(y, x) -> float cosh(x) -> float sinh(x) -> float tanh(x) -> float acosh(x) -> float asinh(x) -> float atanh(x) -> float
<b>module string</b>		
<b>constanten</b>	ascii_letters -> str ascii_lowercase -> str ascii_uppercase -> str	digits -> str punctuation -> str whitespace -> str
<b>string (str)</b>		
<b>methodes</b>	capitalize() -> str count(sub:str [, start:int [, end:int]]) -> int lower() -> str replace(old:str, new:str [, count:int]) -> str swapcase() -> str upper() -> str	
	isalnum() -> bool isalpha() -> bool isdigit() -> bool islower() -> bool	isspace() -> bool istitle() -> bool isupper() -> bool
	find(sub:str [, start:int [, end:int]]) -> int rfind(sub:str [, start:int [, end:int]]) -> int index(sub:str [, start:int [, end:int]]) -> int rindex(sub:str [, start:int [, end:int]]) -> int	
	strip([chars:str]) -> str lstrip([chars:str]) -> str rstrip([chars:str]) -> str	
	join(iterable) -> str split([sep:str [, maxsplit:int]]) -> list	
	endswith(suffix:str [, start:int [, end:int]]) -> bool startswith(prefix:str [, start:int [, end:int]]) -> bool	

<b>module copy</b>		
<b>functies</b>	deepcopy(object) -> object	
<b>list</b>		
<b>methodes</b>	append(object) -> None count(object) -> int extend(iterable) -> None index(object [, start:int [, end:int]]) -> int insert(i:int, object) -> None pop([i:int]) -> object remove(object) -> None reverse() -> None sort([reverse=True]) -> None	
<b>tuple</b>		
<b>methodes</b>	index(object [, start:int [, end:int]]) -> int count(object) -> int	
<b>file</b>		
<b>methodes</b>	close()-> None write(s:str) -> None	read() -> str readline() -> str readlines() -> list
<b>dictionary (dict)</b>		
<b>methodes</b>	items() -> view keys() -> view values() -> view	
<b>Exceptions</b>		
<b>IOError</b>	<b>KeyError</b>	<b>Exception</b>
<b>FileNotFoundError</b>	<b>ValueError</b>	

<b>f-strings</b>	f"{var[:[fill[align]][width][.precision][descriptor]]}"
<b>Item</b>	<b>Opties</b>
fill	Elk karakter (standaard spatie)
align	< links, > rechts, ^ centreren
width	Positief getal
precision	Positief getal
descriptor	s string, d decimal, f float, e scientific, % percentage

## Lijst met HTML-tags

<a>	<article>	<aside>	<b>	<body>	 
<dd>	<div>	<dl>	<dt>	<em>	<fieldset>
<figcaption>	<figure>	<footer>	<form>	<head>	<header>
<hgroup>	<html>	<h1>	<h2>	<h3>	<h4>
<h5>	<h6>	<i>	<img>	<input>	<label>
<legend>	<li>	<link>	<main>	<mark>	<meta>
<nav>	<ol>	<option>	<p>	<section>	<select>
<span>	<strong>	<table>	<tbody>	<td>	<textarea>
<tfoot>	<th>	<thead>	<time>	<title>	<tr>
<ul>					

## Enkele attributen

action	alt	charset	checked	class
cols	colspan	content	datetime	for
href	id	lang	max	maxlength
method	min	multiple	name	placeholder
rel	required	rows	rowspan	selected
step	src	title	type	value

## Lijst met CSS-eigenschappen

background-color	border	border-bottom
border-bottom-color	border-bottom-style	border-bottom-width
border-color	border-left	border-left-color
border-left-style	border-left-width	border-right
border-right-color	border-right-style	border-right-width
border-style	border-top	border-top-color
border-top-style	border-top-width	border-width
clear	color	display
float	font-family	font-size
font-style	font-variant	font-weight
height	line-height	list-style
list-style-image	list-style-position	list-style-type
margin	margin-bottom	margin-left
margin-right	margin-top	padding
padding-bottom	padding-left	padding-right
padding-top	text-align	text-decoration
width		