

Introduction to

# Programming with Python

Functions, Variables

```
python hello.py
```

functions

arguments

side effects

bugs

return values

variables



comments

pseudocode

str

[docs.python.org](https://docs.python.org)

[docs.python.org/3/library/functions.html](https://docs.python.org/3/library/functions.html)

[docs.python.org/3/library/functions.html#print](https://docs.python.org/3/library/functions.html#print)

```
print(*objects, sep=' ', end='\n', file=sys.stdout, flush=False)
```

parameters



str

[docs.python.org/3/library/stdtypes.html#string-methods](https://docs.python.org/3/library/stdtypes.html#string-methods)

int

+

-

\*

/

%

interactive mode

int

float

[docs.python.org/3/library/functions.html#round](https://docs.python.org/3/library/functions.html#round)



```
round(number[, ndigits])
```

float

**+**

**-**

**\***

**/**

**%**

def

scope

def

return

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