

Comments in Python
 → #
 → """ ... """

GRAVITATIONAL_CONSTANT
 = 9.80

Identifiers
 ↳ name of any variable
 ↳ constant
 ↳ function
 ↳ class
 ↳ object

```
def sum_of_n_num(num):
    i = 1
    total = 0
    while i <= num:
        while i <= i:
            total += 1
            j += 1
            i += 1
        return total
    sum_of_n_num(5)
```

Literal → any value

int, float, complex, string, bool
 10, 0, -10, 10.20, -10.2, 10+2j, 'A', "AB", True, False
 10-10j

Keywords in Python
 def, while, return

Reserved words in Python

Blocks & indentation

func():
 {
 }
 func():
 {
 }
 for, while, else, if, else, elif, def, with, try, except, else, finally, class

Expression
 ↳ Give some result

10+20 ⇒ 30
 "Python" ⇒ Python

Statement
 ↳ never gives result

def, while, return
 i=1, i+=1

{ a=None
 a=10
 a=10

10
 101

→ print a;
 a=10
 a=20
 write 10/20
 a

a → 101

```
print(10)
print(20)
print(30)
print(40)
```

10
 20
 30
 40
 10 20 30 40

```
print(10, end=" \n")
print(20, end=" \n")
print(30, end=" \n")
print(40, end=" \n")
```