

Documentação Python

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#isso é um comentário

- Tipos de Dados

Text Type: str

Numeric Types: int, float, complex

Sequence Types: list, tuple, range

Mapping Type: dict

Set Types: set, frozenset

Boolean Type: bool

Binary Types: bytes, bytearray, memoryview

Operator	Name	Example
+	Addition	x + y
-	Subtraction	x - y
*	Multiplication	x * y
/	Division	x / y
%	Modulus	x % y
**	Exponentiation	x ** y
//	Floor division	x // y

Operator	Example	Same As
=	x = 5	x = 5
+=	x += 3	x = x + 3
-=	x -= 3	x = x - 3
*=	x *= 3	x = x * 3
/=	x /= 3	x = x / 3
%=	x %= 3	x = x % 3
//=	x //= 3	x = x // 3
**=	x **= 3	x = x ** 3
&=	x &= 3	x = x & 3
=	x = 3	x = x 3
^=	x ^= 3	x = x ^ 3
>>=	x >>= 3	x = x >> 3
<<=	x <<= 3	x = x << 3

Operator	Description	Example
is	Returns True if both variables are the same object	x is y
is not	Returns True if both variables are not the same object	x is not y

Operator	Description	Example
in	Returns True if a sequence with the specified value is present in the object	x in y
not in	Returns True if a sequence with the specified value is not present in the object	x not in y

- type()

```
mylist = ["apple", "banana", "cherry"]
print(type(mylist))
```

- list()

para criar uma lista

```
thislist = list(("apple", "banana", "cherry")) # note the double round-brackets
print(thislist)
```

- mudar valores da lista

```
thislist = ["apple", "banana", "cherry"]
thislist[1] = "blackcurrant"
print(thislist)
```

- inserir itens na lista em um lugar específico

```
thislist = ["apple", "banana", "cherry"]
thislist.insert(2, "watermelon")
print(thislist)
```

- inserir item no final da lista

```
thislist = ["apple", "banana", "cherry"]
thislist.append("orange")
print(thislist)
```

- remover itens de listas

```
thislist = ["apple", "banana", "cherry"]
thislist.remove("banana")
print(thislist)
```

```
thislist = ["apple", "banana", "cherry"]
thislist.pop(1)
print(thislist)
```

- limpar lista

```
thislist = ["apple", "banana", "cherry"]
thislist.clear()
print(thislist)
```

- loop listando item por item

```
thislist = ["apple", "banana", "cherry"]
for x in thislist:
    print(x)
```

- loop index

```
thislist = ["apple", "banana", "cherry"]
for i in range(len(thislist)):
    print(thislist[i])
```

- if.. else

```
a = 200
b = 33
if b > a:
    print("b is greater than a")
elif a == b:
    print("a and b are equal")
else:
    print("a is greater than b")
```

```
a = 200
b = 33
c = 500
```

```
if a > b and c > a:  
    print("Both conditions are True")
```