a,b = 10 gn string, just see if its possible to seach the end from start, if not

P[2:2]

end stort

end stort

1 2

as above is not possible

output 1)

a=10 a, b=10,20 -> Shortrout for multiple values

a = b = c = 20

a=b=10 V

0, 6 = 10 ×

a,6,c = 10,20,30,40 x

error as python expects

3 values only.

no post increment in python

pre - increment

post increment

Me def exect or

= a+5 but that

doesn't change value of a

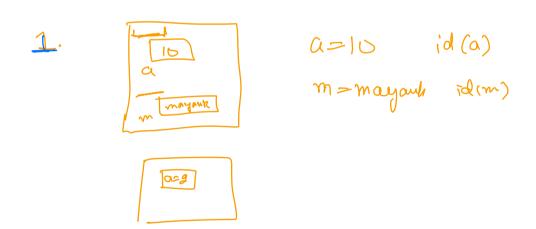
$$j = +10$$

$$-(-10) \Rightarrow 10$$

$$--j \Rightarrow 10$$

2 places 1. To check if 2 references point to the same memory location

2. To determine whether a value is of certain class or type.



Python does some optimization and stores smaller in some location/address

is operator

=> rehrns True if Object Recotton some

is not operator

3 returns False if operands are not identical

It is used to check whether a value or variable is part of a seq (string list typle) set

Precedence	Operator	Description	Associativity
1 _	**	Exponentiation	Right to left
2	+X, -X	Positive, negative	Right to left
3	*, /, %, //	Multiplication, division, modulus, floor division	Left to right
4	+, -	Addition, subtraction	Left to right
5	<<,>>	Bitwise shift left, bitwise shift right	Left to right
6	&	Bitwise AND	Left to right
7	۸	Bitwise XOR	Left to right
8	I	Bitwise OR	Left to right
9	<, <=, >, >=	Comparison operators	Left to right
10	==, !=	Equality operators	Left to right
11	not	Logical NOT	Right to left
12	and	Logical AND	Left to right
13	or	Logical OR	Left to right
14	if-else	Ternary conditional	Right to left
15	=, +=, -=, *=, /=, //=, %=, **=, <<=, >>=, &=, ^=, =	Assignment and compound assignment	Right to left

×V

ナーンign

Normal Store

Ct+, Golang

```
a=10
                          a = 10.6
                                                      a=10.6
                           print("%f" %a)
                                                      print("%s" %a)
print("%s" %a) # 517
                          Output:
                                                      Output:
                           10.600000
                                                      10.6
Output:
10)
                          a=10.6
                                                      a=True
                          print("%.2f" %a)
                                                      print("%s" %a)
a=10
                          Output: decimal
                                                      Output:
                                       point
                           10.60
print("%f" %a)
                                                      True ~
Output:
                          a = 10.6
                                                      a=True / 1
                          print("%d" %a) <sup>™</sup>t
                                                      print("%d" %a)
10.000000
                          Output:
                                                      Output:
                          (10)
                                                      1
```

Gets rid of your % operator and makes the string for mothing more regular

decision control stokements

In realize too, we have inherent decision

IJ dist > 2 km

transport

else

walk

imput =) If on bases of this impot, you wonno do some thing, then decision control stokm, willbrose

4 decision control:

(1) if
(2) if else
(3) if elif else
(4) nested if

· E ##

D Python uses indentation to divide/identify code block. It doesn't use & ?

(a) is imp () around cond nace optional

if (cond"):

8tatement]

Sbeneut 2

Clse;

Stokeneut 3

ended Stokeneut 4

Stokeneut 5

```
[58]: stringInput = input()

ga'

We can

[59]: if stringInput == "apple":
    print("apple")
    elif stringInput == "orange":
        print("orange")
    elif stringInput == "banana":
        print("banana")
    else:
        print("no fruit")

no fruit

We can cheek to have else or not.
```

```
# Previous Function
def out2(stringInput,num):
    if stringInput == "apple":
        if num == 2:
            print("100")
        elif num == 3:
            print ("200")
    elif stringInput == "orange":
        if num == 5:
            print("500")
        elif num == 8:
            print ("600")

def out(stringInput,num):
    if stringInput == "apple":
        if num == 2:
            print("100")
        elif num == 3:
            print ("200")
    elif stringInput == "orange":
        if num == 5:
            print ("500")
        elif num == 8:
            print ("600")
        else:
            print ("1000")
```

print("2000")