

# Variable

In C, Java or some other programming languages, a variable is an identifier or a name, connected to memory location.

**a = 30**

a



12114

b = 10

b



12115

c = 20

c



12117

y = a

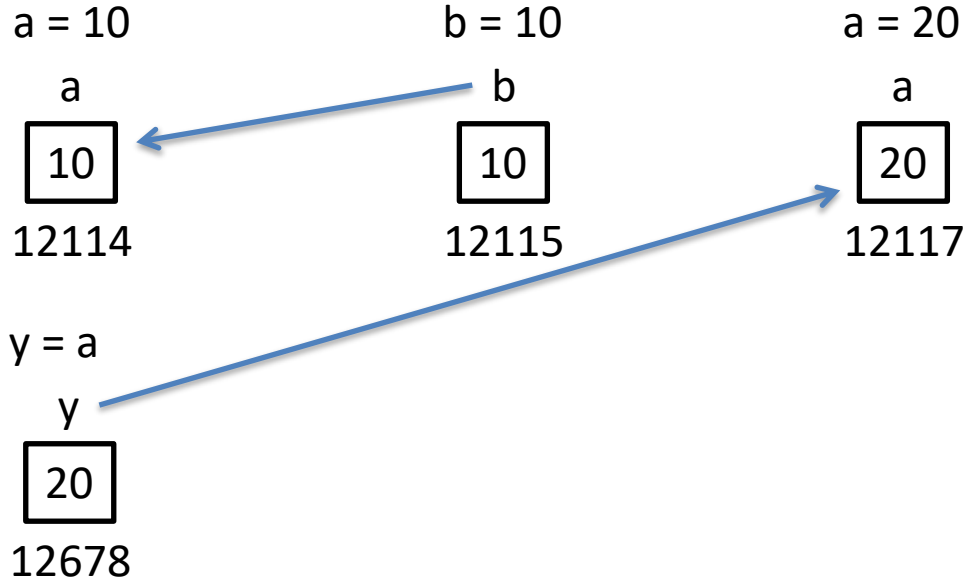
y



12678

# Variable

In Python, a variable is considered as tag that is tied to some value. Python considers value as objects.



# Variable

In Python, a variable is considered as tag that is tied to some value. Python considers value as objects.

a = 10

a

10


12114

a = 20

a

20

12115



Since value 10 becomes unreferenced object,  
it is removed by garbage collector.

# Rules

- Every variable name should start with alphabets or underscore (\_).
- No spaces are allowed in variable declaration.
- Except underscore ( \_ ) no other special symbol are allowed in the middle of the variable declaration
- A variable is written with a combination of letters, numbers and special characters \_ (underscore)
- No Reserved keyword

# Examples

## Do

- A
- a
- name
- name15
- \_city
- Full\_name
- FullName

## Don't

- and
- 15name
- \$city
- Full\$Name
- Full Name