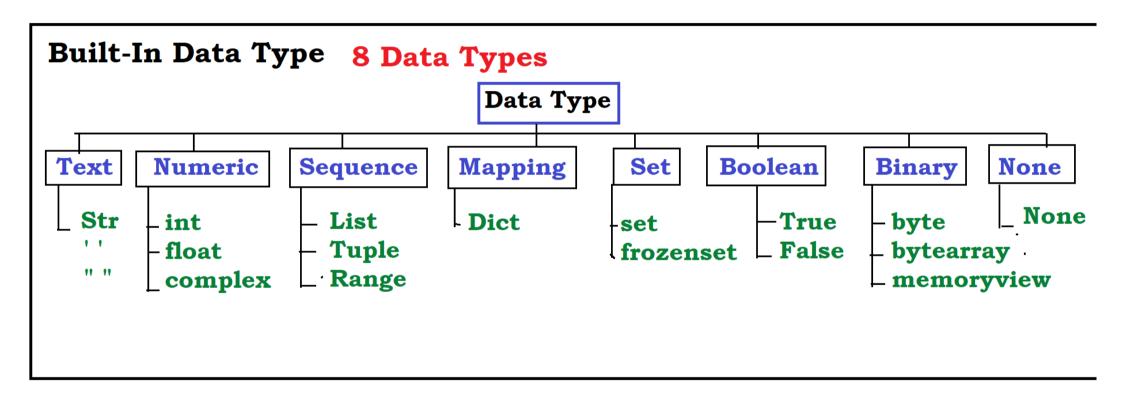


int $a=10_{X}$

How DType Works

a=10
print(a)
print(type(a))
#<class 'int'>

Dynamic Typing



Text Type

a="Ram" **b='C'** print(type(b)) #<class 'str'>

Numeric Type

a=10.78print(type(a)) #<class 'float'> print(int(a))#10 b=int(a) print(type(a)) #<class 'float'> print(type(b)) #<class 'int'>

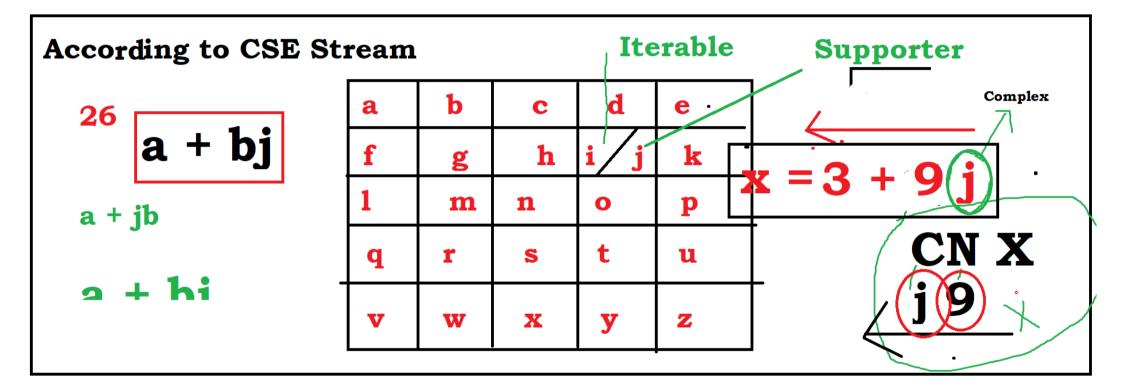
Complex

Real + i Imaginary

a = 10 + 9jprint(a) print(type(a)) a + ib | 3+i4 | #(10+9j)#<class 'complex'>

int + Float + Complex

PYTHON NUMBERS



a=B'CS'#Byte B=Byte , b=bit Sequence Type #[10, 20, 30] a={10,20,30,40,50,60,70} print(a) #<class 'list'> print(type(a)) print(type(a)) #b'CS'#b'CS' b=(10,20,30)**#**{**50**, **20**, **70**, **40**, **10**, **60**, **30**} Values are Arranged #<class 'bvtes'> print(b) #<class 'set'> b=bytearray(5)#Allot Continous Side-By-Side in **Memory Allocation** print(type(b)) print(b) #(10, 20, 30) **Continous Manner** a=True print(type(b)) #<class 'tuple'> $\#bytearray(b'\x00\x00\x00)$ print(a) \x00\x00') for i in range(0,5): $a = {'a': 10,}$ print(type(a)) #<class 'bytearray'> print(i) 'b':20} #True c=memoryview(bytes(a)) 0 print(c) print(a) #<class 'bool'> a=None print(type(c)) print(type(a)) print(a) #<memory at #{'a': 10, 'b': 20} print(type(a)) 0x0000020A8330F940> #None #<class 'memoryview'> #<class 'dict'> #<class 'NoneType'>