

LISTS

li = []	[]
li = [1,'2',3.5]	[1,'2',3.5]
li.append(4)	[1,'2',3.5,4]
li[-1]	4
[int(i) for i in li]	[1,2,3,4]
li[::-1]	[4,3,2,1]
Sliding window (large to small, input : abb) For i in range(len(a)+1,0,-1): For j in range(len(a)-j+1): Print(a[i:i+j])	abb ab bb a b b
List comprehension li = ['1','2','3','4'] li = [int(x) for x in li]	[1,2,3,4]

DICTIONARY

di = {}	{}
di[0]=1 di[1]='2' di[color]='blue'	{0:1,} {0:1,1:'2'}, {0:1,1:'2',color:'blue'}
di[color]	'blue'
list(di.keys())	[0,1,color]
list(di.values())	[1,'2','blue']

CONVERSION

A = 150, B = '0101'

To integer → int(A)	150
To float → float(A)	150.0
To string → str(A)	'150'
Bin to dec → int(B,2)	2
Dec to bin → bin()	'0b10010110'