

Max value

In Python, value of an integer is not restricted by the number of bits and can expand to the limit of the available memory

Transpose

matrix `[[m[j][i] for j in range(len(m))] for i in range(len(m[0]))]`

array `zip(*matrix)`

array `numpy.transpose(matrix)`

Type Conversion

`int(a,base)` int

`float()` float point

`ord()` char to int

`hex()` integer to hexadecimal string

`oct()` integer to octal string

`tuple()` convert to a tuple

`set()` type after converting to set

`list()` any data type to a list type

`dict()` a tuple of order (key,value)to dict

`str()` int to str

`complex(real,imag)` real numbers to complex(real,imag) number

Byte Obj vs String

init str `a = 'lol'`

init byte obj `b= b'lol'`

`a.encode('ASCII'),b.decode('ASCII')`



By **hnib123**

cheatography.com/hnib123/

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