**Basic of Python**

print("Hello, World!")

Hello, World!

In [2]:

x **=** 1 *# int*

y **=** 2.8 *# float*

z **=** 1j *# complex*

In [3]:

type(x)

Out[3]:

int

In [4]:

q **=** **-**87.7e100

In [5]:

x **=** int(1) *# x will be 1*

y **=** int(2.8) *# y will be 2*

z **=** int("3") *# z will be 3*

In [10]:

quantity **=** 3

itemno **=** 567

price **=** 49.95

myorder **=** "I want {} pieces of item {} for {} dollars."

print(myorder**.**format(quantity, itemno, price))

I want 3 pieces of item 567 for 49.95 dollars.

In [12]:

txt **=** "THIS IS NOW!"

x **=** txt**.**isupper()

thislist **=** ["apple", "banana", "cherry"]

print(thislist)

['apple', 'banana', 'cherry']

In [14]:

a **=** 33

b **=** 200

**if** b **>** a:

print("b is greater than a")

b is greater than a

In [15]:

i **=** 1

**while** i **<** 6:

print(i)

i **+=** 1

1

2

3

4

5

In [16]:

fruits **=** ["apple", "banana", "cherry"]

**for** x **in** fruits:

print(x)

apple

banana

cherry

In [17]:

**def** my\_function():

print("Hello from a function")

my\_function()

Hello from a function