

# Python

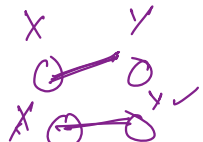
+ Programming Lang  
+ Data type  
+ inputs & compute results

} session

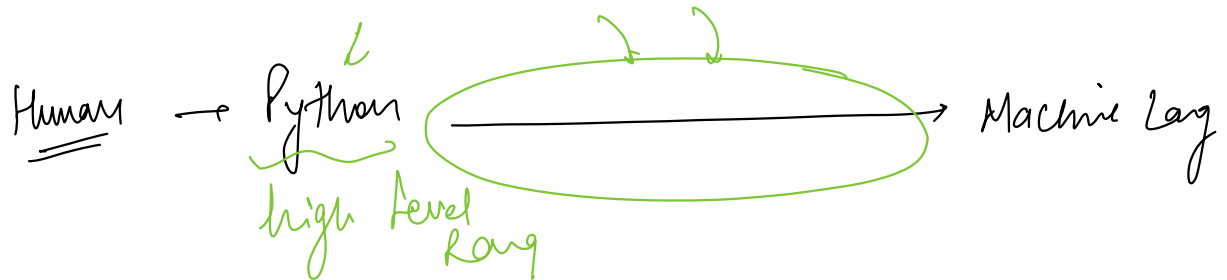
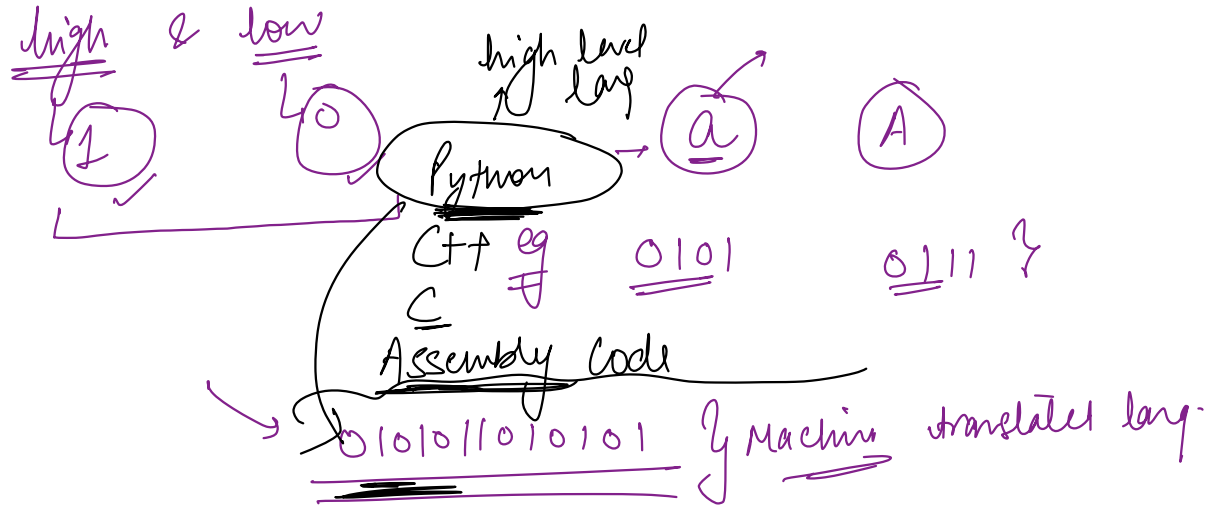
Humans → See / hearing / taste / feel / touch

Communication → English → translate → Computer understandable Lang.

Switch →



Electricity → energy signal



Online IDE → Google Colab

1010110

Python → Case sensitive  
Case insensitive language

Suraj  
Suraj

Data types

Integers (Int)

pos or neg whole number

-1, -2, -5, 5, 1, 2, 3, 0

No upper limit on size

Float (decimals)

1.01 , 1.00 , 0.7 , 0.5

All are real numbers

↑ Type  
None

9 or 9.0  
↓     ↓  
int   float  
↑     ↑  
type

same?

Strings

"hello"

①   ②

Boolean (bool)

True , False  
high   low

