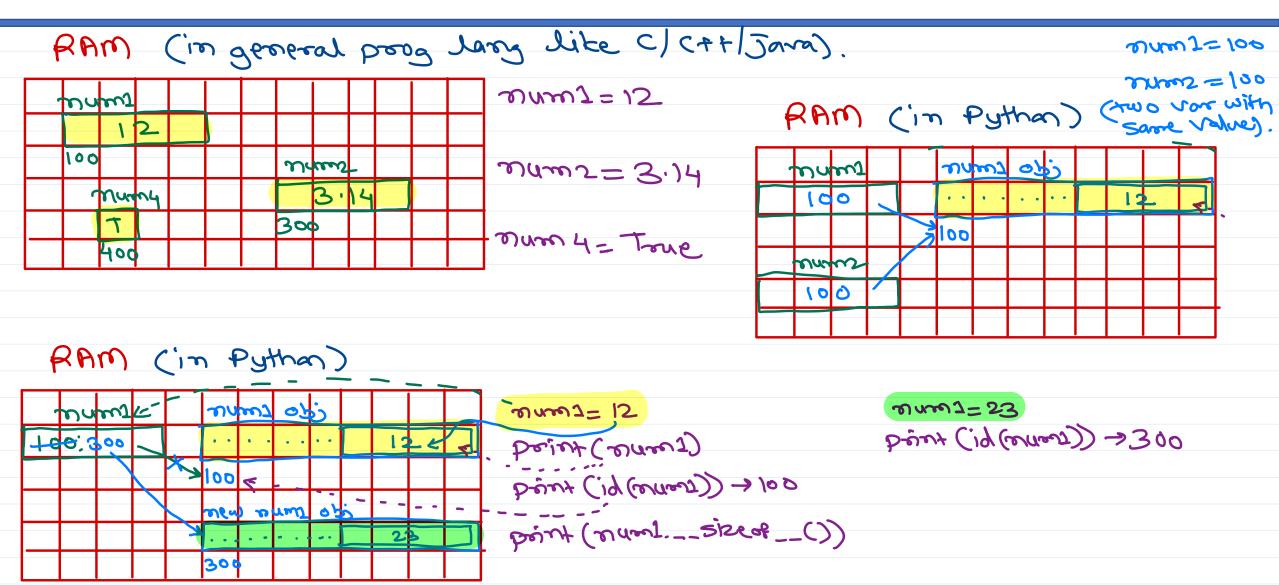




Python Programming @ Sunbeam Infotech *Trainer: Nilesh Ghule*

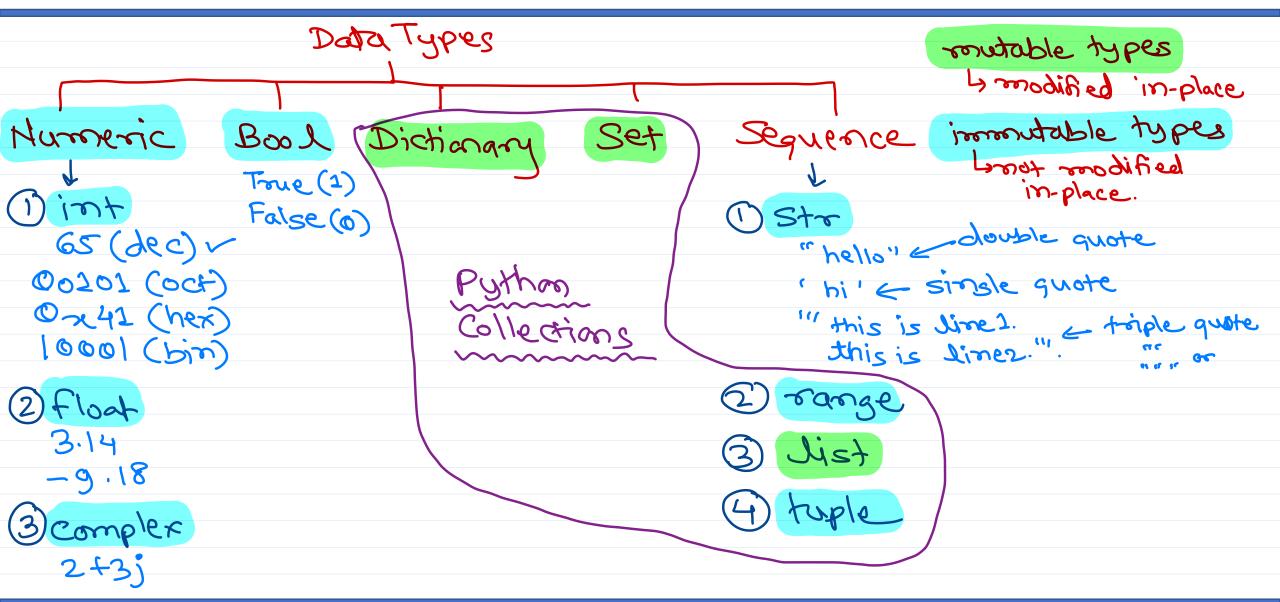


Variables





Data types





Python operators

- Darithmentic operators

 + * / // % **

 True division: / > 22 /5= 4.4

 Floor division: // → 22 //5= 4(inf)

 Modulus: % → 22 % 5= 2

 Power: ** → 2 ** 5= 32
- 2) assignment & in-place ops = += -= /= //= &= /= ...sum = 10 sum /= 2 \rightarrow sum=sum/2
- 3 Comparison operators <>> <=> == != Evaluates to True/False 22 > 7 + True & 22 < 7 + False

(4) Logical operators

and or not

cond1 and cond2= result (True if both cond

one true)

cond1 or cond2= result (True if any cond

is true)

not cond = result (True if cond is False &

False if cond is True)

- 3) Bitwise operators & 1 ~ ~ << >> (bit level) 9&5=1001 & 0101 = 0001=1
- © Special operators
 is, is not, in, not in
 identity membership



Python control statements

- 1) decision control stant - if-else
- 2) selection control strat - moth- case
- Les 100p - Les 100p
- (7) Insub 21 ents
 - break
 - continue
 - seturn





Thank you!

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