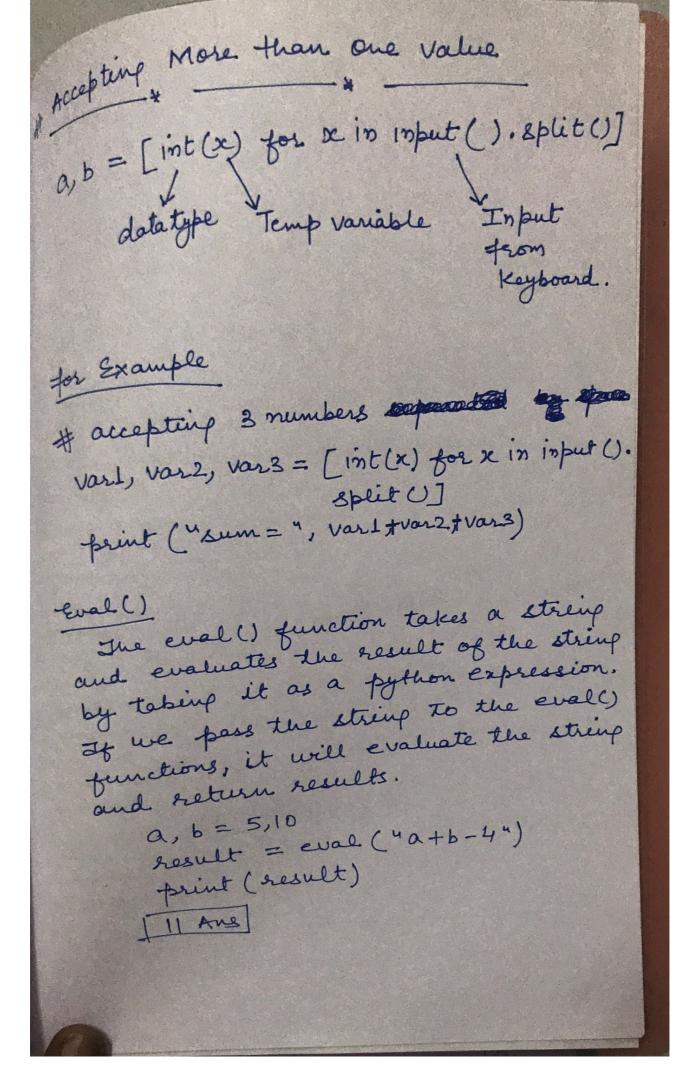
Input and Output Output statements To display output or results. Python provides the print () function. This fuction can be used in python in different formats. The print () statement when prints) function is called simply a blank line is displayed. print () output Blank line. Print ("string") - A string represents a group of characters. print ("Hello") we can use & Escape sequence with print (). print (" Hello (n Delhi") output Hello Delhi -print ("Hello It Delhi") output Hello Delhi

```
In python (4) is also called repetition
operator to repeat the string
for Example
     - print (34 Hi)
 In python (+) is used to join two sking
 as print ("city Name = " + " Delhi")
    city Name = Dellie
print (variable list)
  we can also display the values of.
variable using the frint ().
 as a, b = 2,4
     print (a)
     print (a, b)
     2 4
      The values in the output are separated
    by space by default. To seperate
 the output by comma, we should
 used 'sep' attribute as.
   print (a, b, sep = ",")
   2,4
   print (a, b, sep = 1:1)
   2:4
   print (a, b, sep = '---')
   2 - - - 4
```

Note + * The perint () function throws the cursor juto next line after displaying the output we can ask the print () function not to throw the cursos into the next line as. print ("Hello", end = 1 ") print (" Delhi", end = ' ') print ("How are you", end = 11) output Hello Selhittow are you. paint ("Helloy, end = 'It') perint ("Hello Delhie", end = '(t') Hello Hello Delhi print (object) we can pass objects like list, tuples or dict to the frint () as. let = [10, 'A', 1+ii'] -print (1st) print ("string ", variable) print (a, " is the even Number") => 2 is the even Number

```
print (formatted string)
* print ("formatted string " %. (Variable list))
    print ('value = %d'%)c)
  > Value = 10.
    x=10.2
    print ('Value = 1. 6 " 1. 2)
 → value = 10.2
    n= 10.213
     perint ('value = 1. . If ". 1/2 x)
  → Value = 10.2
* print ('format string with replace ment'
                       · format (values))
    m1, n2, m3 = 1, 2, 3
    forint ('number L = {03'. format (n1))
  + number 1 = 1
   frint ('number 1 = {03, number 2 = {13'
              · format (n1, n2))
> number L=1, number 2 = 2
As an alternative we can also use
names in the replacement fields. as.
frint ( 'number 1 = sone 3'. format (one = n1))
-> number 1 = 1
```

print (f' value of x = {x3}) > value of x=10. Input statements :-To accept input from Keyboard, python provides the input () function. This func lepes a value from keyboard and returns it as a string. for Example stz = input () Hello Delhi output print (str) Hello Selhi Once the value comes to variable 'str' it can be converted into 'int' or 'float' str = input ("Enter a Number") => Enter a Number 125 n = int (str) # str is converted to integer print (x) => 125 Ams You can also use it as. x= int (input ()) J= float (imput ())



we can also use eval() and input () to we objects like list or tuples. when the wer types the list using [] brackets eval () will understand that it is a list for example lot = eval (imput ()) Input [10, 20, 30] Output = [10, 20, 30] tuple = eval (input ()) Input (10, 20, 30) Output = (10,20,30)