Day-4 4/7 loops in python. loop -> repeat a block of coola multiple times until a condition's met. -> automate sepretitive tasks. for loop

-> iterate over requere like lists,

tuple, things Syntax: for variable in sequence print (varable) for i in range (1,6) Print (i) 0/p: 12345 -> Executes as long as condition While loop is True. Syntax: ville condition 1=1 () Hoode while it=4; print (i) op. 1234 > 60p énuèle another coop. Nested Loop for i is range (1,4) Dater loop runs 3 times for j'es range (1,4) / inner loop runs
stimes for each
print (1,1) for loop with string -> loop through each character in a string -> analyzing text show by chan - conting vousls.

range () with for loop - range () function generates a sequence of numbers. syntax: range (start, stop, step) O/P: 1 increase for ils range (1,6) print (i) Control Statements -> Break- stops loop if a condition is mettoriin range (18): olp: 1 >f i==3 break -> Continue - Skip pointing or logic when condition is net. for i in range (), b if i ==3: Continue > pars -placeholder for i in range (55) O/p: 1if i = = 3; > else - Saccutes after the loop complete normally
for i in range (\$1,4):

print (i) print (i) ene print ("loop finished") loop frished. - gives both index and value text = "python" when cooping. for index, char in encumerate (text): print (f" Index of index 3; (char3") : Ender o: Endex 1; y Inolex. 2: t