for loops:
Typeform link:
a) Give me all numbors until 10:
b 1, 2, 3, 4, 5, 6, 7, 8, 3, 10
i) Ronge (10): 9+ will give us the integers
i) Ronge (10): 9t will give us the integers It will exclude the Got no. range (3): [0,1,2]
kanje (3) : [0,1,2]
=> 0,1,2,5,4,5,6,7,8,5
L Orfolk of A A a so forth is o
5 Default Start of saye funct is 0.
ii) Raye (Start, end): [start, end)
Range (1,5): [start, end-1]
[1,2,3,4]
L1,2,3,4)
» Raye (1, N): n25

iii) 1,2,3,4,5,6,7,8,9

D 1,3,5,7,9

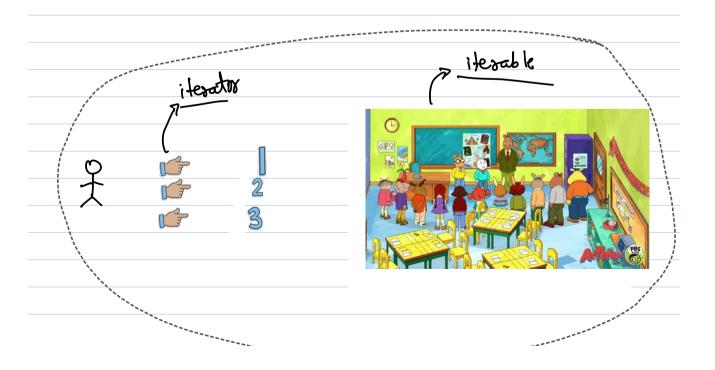
Range (stert, end, jump).

10, 9,8,7,6,5,4,3,2

=) Range (10, 12, -2)
10, -2 3) 8

=> Range (start, stat, jump)

of if your is -re is stop > stort then we will not get anything.



itesation

i) In order to do iterat it should be iterable

A Syntax for "for" loop:

for iterator in iterable:

3) do something.

O.1) Take wer input n & point number 1-N.

n = int(input())

for ande in sange (1, n+1) =
point (unde)

& Patterns!

i) Brint patter:

if n = 1, n = 2, n = 3

X X



ii) for n, print "x" print of NX N?

N=1

N=2

N = 3 A A A A A A

カタオ

if n = 3

for (1) in range (5):

**

S zow 4 S A S zow 2 A S zow 3 A

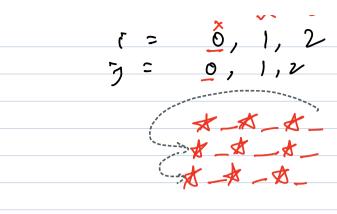
#

for 1 in raye (3):

for j in raye (3):

print ("xt", end = "")

point()



g. take user input point following petter:

N 23 7 A A A

A co With outer for loop we do column

G How many times should we run owder loop range (n)

C> How man fines should we run

inner loop.	ranje (i + 1)	
for i in for j	range (n) in sange (i ti) point ("*)	:' end="")