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Loop: Used to execute a block of code repeatedly until a certain condition is met python mainly provides 2 types of loops.

1) for loop 3) Nested loop.

2) while loop

- for loop inside for loop.
- for loop inside while loop.
- while loop inside while loop.
- while loop inside for loop.

for Loop with sequence : string, list, tuple, set, dict

for loop with range

enumerate fun - It will give individual position & character.

name = "Harshit"
ex: for i in enumerate(name):
 print(i)

tuple

0, 'H'	3, 'D'	6, 'H'
1, 'A'	4, 'I'	7, 'A'
2, 'R'	5, 'T'	

for i in fruit:
 print(i)

Fruit = ['Apple', 'mango', 'grapes',
'pineapple']

apple
mango
grapes
pineapple.

Syntax:

initialization
condition
inc/dec

range (start value, stop value, step size)

in for loop - the default start value is 0
Step size is 1

for i in range(20): ^{This take as}
 print(i) _{stop value.}

name = "Harshit"
name[1] ^{of} 'a'

(a) for i in range(0, 8, 1):
 print(i, name[i])