

Day 15: For loop in python.

- 1) Items
2) Range values

index start from 0

syndex

`for {variable-name} in {collection} :`

↙ ↓ ↓
List Set Range

n : for name in names:
for student in students:
for n in range(1, 10):

For loop in C, java

for C int index = 0; index < 10; index++) {
 // Block of code

1 Hello

for C start: stop: ⁽⁺⁺⁾ increment (⁽⁻⁻⁾Decrement) &

while loop
count = 0

```
while (condition) {
```

count ff

do while

do 2

while Count $(2 \cdot 10)^2$

where we can use loops

1) when you don't know know number of items
use while loop

• break / continue statements

break \rightarrow stop the program

continue \rightarrow skip the (condition it true)

for/while in py

for loop

```
for item in range(10):  
    print(item)
```

range(start, stop, step):

```
names = ["veerush", "Acarush", "Basu"]  
for name in names:  
    print(name)
```

with while Loop.

```
count = 0  
while count <= 10:  
    print(count)  
    count += 1
```

For reverse

```
for number in range(10, 0, -1):  
    print(number)
```