

⑤ While Loop

used when you want to repeat code until a condition becomes false

Ex:

count = 1

while count <= 5:

print(count)

count += 1

O/P

1
2
3
4
5

* Loop Control statements used in both for & while

break - stops the loop immediately

continue - skip current iteration & continue to next

pass - Does nothing (placeholder)

Ex: write a table using while

n = int(input())

i = 1

while i > 1:

print(f'{n} x {i} = {n * i}')

i += 1

Ex: for i in range(1,6):

for j in range(1,6):

Print(i, end=" ")

Print("\n")

op :
1 1 1 1 1
2 2 2 2 2
3 3 3 3 3
4 4 4 4 4
5 5 5 5 5

Ex: for i in range(1,6):

for j in range(0,i):

Print('*', end=" ")

Print("\n")

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* *
* * *
* * * *
* * * * *

Ex: for i in range(0,5,1):

for j in range(0,i):

Print('*', end=" ")

~~Print~~

Print("\n")

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