

## ② While Loop

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

False

Ex:

count = 1

while count <= 5;

    Print(count)

    count += 1

0 / 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 > 11:

    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()

OP = 1 1 1 1

2 2 2 2

3 3 3 3

4 4 4 4

5 5 5 5

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

    for j in range(0, i):

        print("\*", end = " ")

    print()

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

    for j in range(0, i):

        print("\*", end = " ")

    print()

print()

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