

3) Nested loop:

A loop inside another loop.

→ LOOP control statements

* break → stops the loop

* continue → skips one iteration

* pass → placeholder, does nothing.

→ LOOP STATEMENTS:

1) BREAK Statement:

Used to stop the loop immediately.

ex: for i in range(10):

 if i == 1:

 break

 print(i)

37 CONTINUE Statement:
Used to skip a particular step in the loop.

ex: `for i in range(10):
 if i==4:
 continue
 print(i)`

37 PASS Statement:

It means do nothing

* It is used when we want to write a loop, function or condition but don't want to add code yet.

python will give error if the block is empty
so we use pass to avoid this error.

ex:

37 `for i in range(5):`

`pass`

→ Loop runs but does nothing

37 `x=10`

`if x>5:`

`pass` # plan to write code later

37 `def my_function():`

`pass` # empty function for now