

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 == 4:
```

```
        Breaks
```

```
    print(i)
```


2) CONTINUE Statement:-

Used to skip a particular step in the loop.

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

3) 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:

```
1) for i in range(5):  
    pass
```

→ Loop runs but does nothing

```
2) x=10
```

```
    if x>5:
```

```
        pass # plan to write code later
```

```
3) def my-function():
```

```
    pass # empty function for now
```