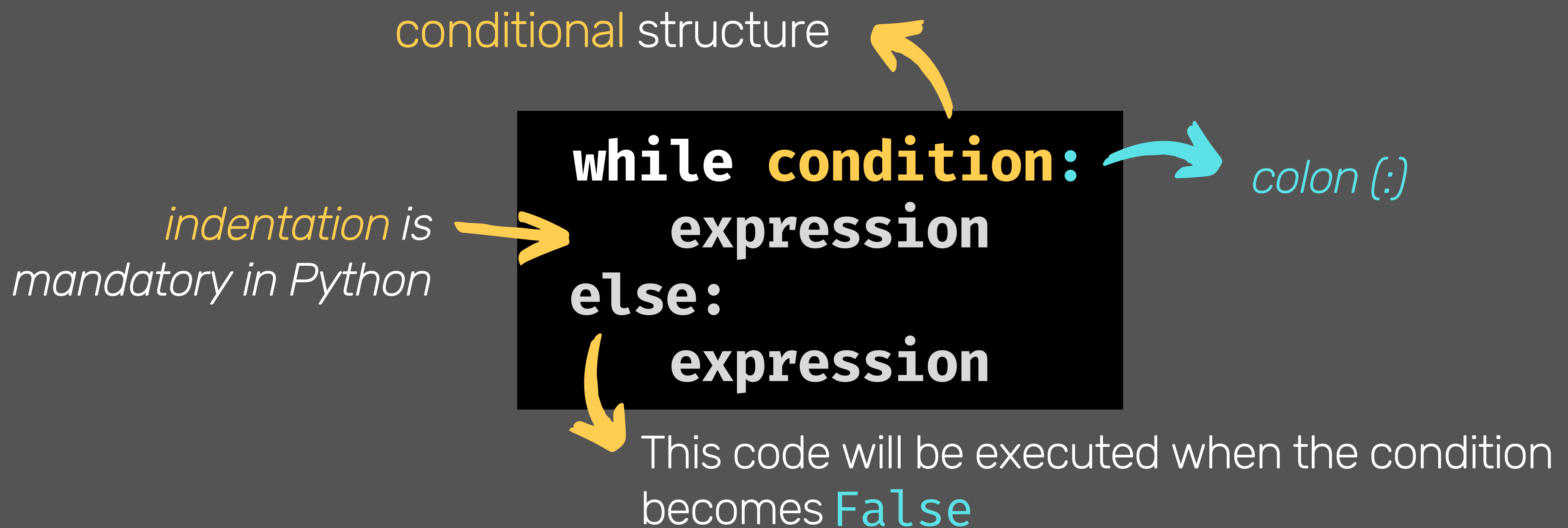# while loops

While loops are another type of loop, but they have more similarities with **if conditionals**. We can think of while loops as a conditional structure that executes on repeat, until it returns false.

conditional structure

```
while condition:
    expression
else:
    expression
```

colon (:)

indentation is mandatory in Python

This code will be executed when the condition becomes `False`

special instructions

If the code hits a break statement, the loop exits.

The continue statement interrupts the current iteration within the loop, bringing the program to the top of the loop.

The pass statement does not alter the program: it's a placeholder for when a statement is expected, but no action is desired.