

COP 3330 1/21/26

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1) Leave right @ 1:20 pm - NO Q.  
(will be in office) ✓

2) P2 is posted. ✓

3) Today's Lecture - Loops

### Background:

1) only COP2500 no other (one end)

2) HS, COP3223, COP3502 (other end)

everyone has seen a loop BUT  
varying levels of practice.

for

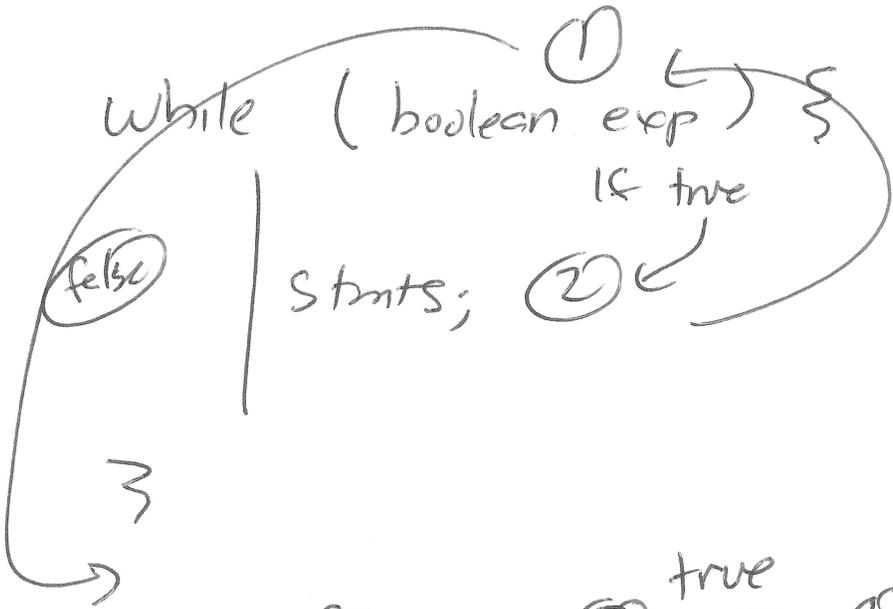
while

do-while → Python doesn't have

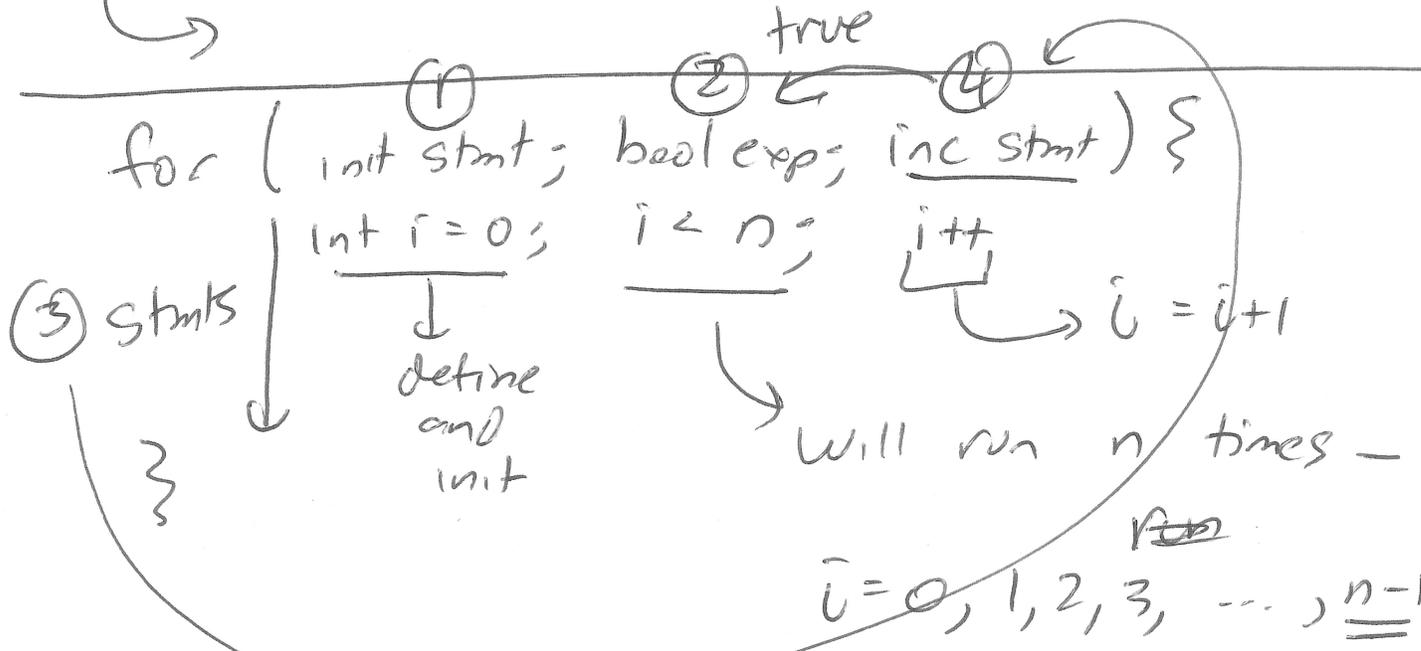
\*break } pay attention to these!

\*continue

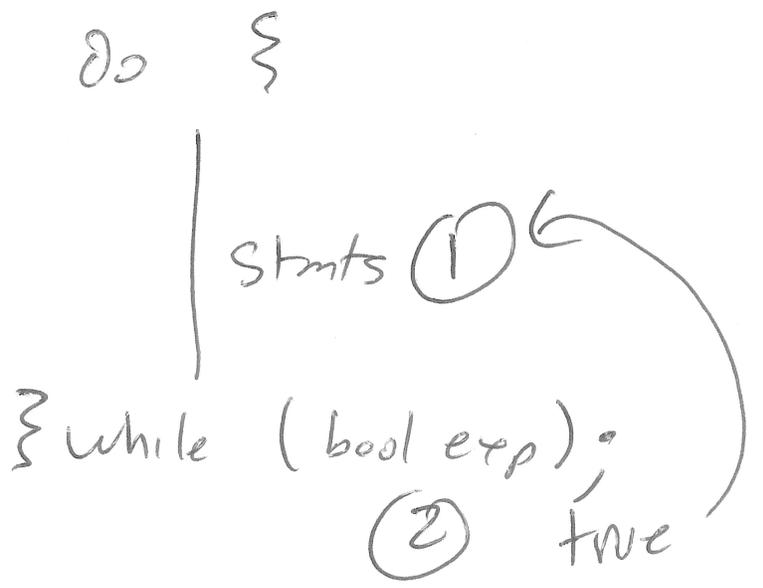
nesting ] → takes practice



Good for situations where you know when to stop but don't know # repetition

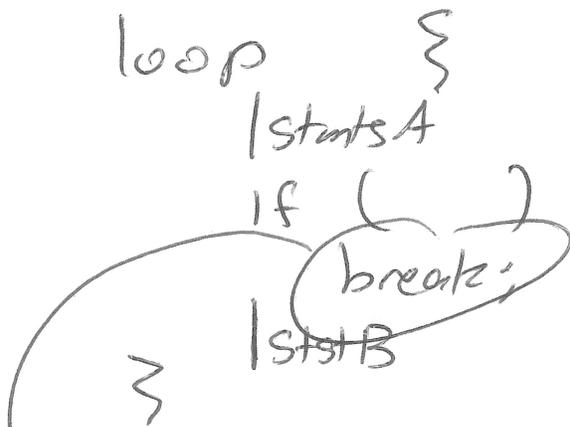


Excellent when you know how many repetitions



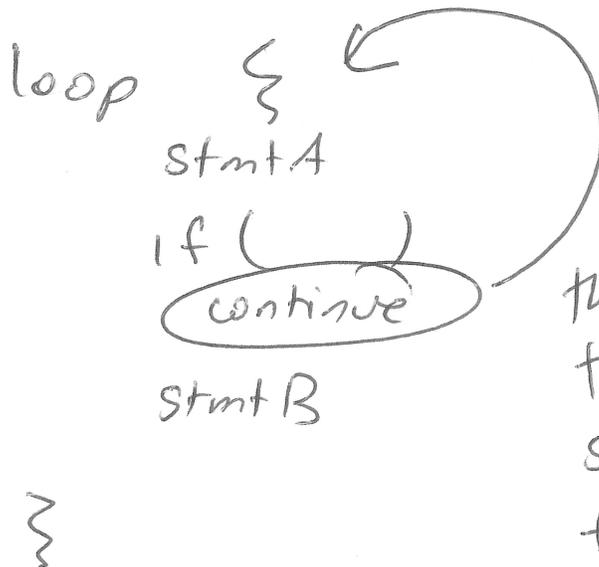
Guarantees at least 1 loop iteration!

# break



→ if executed, it immediately pops you out of the nearest loop you're in.

# continue



this pops back to the top of loop skipping over stmtB for that iteration only.