

Iteration

COMP16321 – Introduction to Programming 1

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Iteration

'Is a process wherein a set of instructions or structures are repeated in a sequence a specified number of times or until a condition is met.'

Iteration or Looping

Infinite Loops

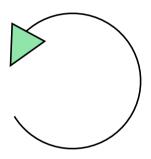
• Repeat Forever

Count-Controlled Loops

• Repeat # Times

Condition-Controlled Loops

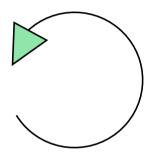
• Repeat Until Condition Met







While Loops



break - causes an immediate exit from a loop

continue – jumps to the top of a loop

pass – an empty place holder

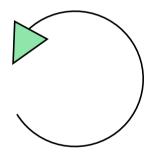
else – runs is and only if the loop exits normally

While Loops

For Loops

Also uses:

break
continue
else



For Loops