Iteration (loops)

- Loop types and syntax is another aspect that makes particular languages highly recognizable/unique (e.g. consider differences between C++, python, Java, lisp)

- Many issues already covered in "blocks" notes (initialization, entry/exit points, delimiter syntax, etc)

- Most common forms of loop: while, for, do-while/repeat-until, and for-each (iterating across elements of data structure)

Options/implementation

- Is loop top or bottom tested?
- Are loop variables accessible (in scope) after loop ends?
- If so, what are their values after termination?
- Are last/final/break/continue styles of option supported?
- For loops with automated index updating (e.g. foreach loop or things like "for (x=A; x<B; x++)") can programmer also alter the index variable within the loop body?