



Jack. Like Java.

- Classes — everything is a class 1 file per class.
Each class → 1 .vm file.
 - methods — associated to an object
 - functions — associated to the class (~static methods)
 - fields
- Control:
 - if — else
 - while
 - (no for loops — just use while).
- Commands:
 - do ... ; ← calling a method eg.
 - let x = expr ; ← variable assignment.
 - ↳ order of operations is undefined!
 - Use parentheses!
- Data:
 - int, bool, arrays, objects.
- Standard library (aka OS)
 - Math (abs, mult, div, ...)
 - String
 - Output (print)
 - Keyboard (readLine)
 - Sys (init, halt, error)
 - Screen

Appendix 6