Modify your first project by designing and implementing:

- 1. Virtual method invokes, e.g. invoking "List/get" on a list and an arg on the stack (feel free to use reflection)
- 2. Anonymous stack functions with lexical closures.
- 3. Multi-arity stack functions, including varargs
- 4. Loops

Feel free to change the existing API as necessary to support these additional features.