Modern Code In General
Lawrence Angrave 12/11/2013

Dedicated to
All of the Java keywords, Composer Terry Dwyer, Gilbert and Sullivan
and to all who grapple with the
difficulties of learning and using 'modern' code.

Music from Gilbert and Sullivan's 1879 comic opera
"The Pirates of Penzance."

You see the very model of the modern code, in general
Has information in abstract recursive computational
Implements ideas of old from static machines historical
Expression, types, procedural and binary mathematical.
With operator precedence and exception parenthentical
You'll bite those bugs at runtime and fix syntax ungrammatical
About your objects of import constructed with a lot o' news ...
To debug, I assert, a breakpoint, log should always be your logic ruse!

You'll debug your methods use parameters write null and void
Lost objects are collected; return their memory; redeployed
In short, in matters in abstract recursive computational
Compile the very model of the modern code, in general.

Cast primitives and method calls to calculate
While 'for loops' break or continue round; around to iterate
Void methods 'turn with empty hands and if conditions evaluate
And reasons for a default instance case, do enumerate.
You count in base sixteen and multiply with shifting tricks
You know the native ASCII codes and catch your partner's merge conflicts
String two byte characters with a quote or two - immutable! ...
And state my class extends one thing, its super - "don't object" it's irrefutable!

You comment on your coding and explain that strange parameter
And package your instructions, make your programs small and modular
In long, in matters in abstract recursive computational
Debug the very model of the modern code, in general.

When volatile protects the cache of CPUs asynchronous
When eventful code has callbacks that execute autonomous
A single instance of a class no name to scope anonymous
Exclusive private statement or sung public in a CS course
When my algorithm's efficient and my unit tests all goto green
When I have learned from code reviews and lint reports are always clean
When my interface is pure and just needs a closing brace addition ...
And will strictly synchronize those threads else block that transient race condition!

When in matters of G. Boole their truth false character - binary
Switch ints for floats and doubles and their bit-wise constant, finally,
But still, in matters in abstract recursive computational
We'll throw out this very model of the modern code, in general.