Scolkam

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Language Goals

-Easily readable language

-Syntax based on Python

-General purpose

-Object Oriented

Compiler

-Scolkam files end in .sco extension

-End language is LLVM
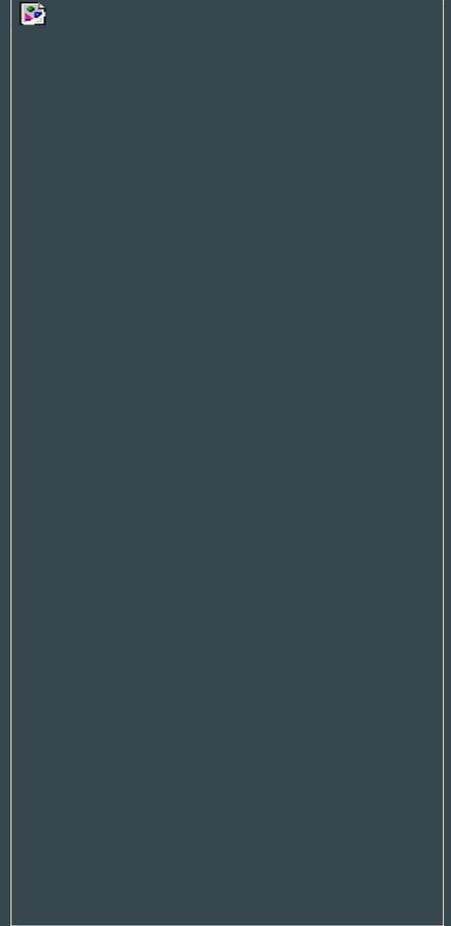
Language Basics

-Types: Float, Int, Str, Bool, Tuple, None

-Operators: + - * / > < = != == <= >= and not

-Control Flow: for, while, if

-No { }, use def and end

-Unlike Python, no indentation/spacing requirements

```
def int bar(int a, bool b, int c):
 return a + c
end
```

Testing

-First test based on Micro-C compiler test suite

-After that built on features defined in LRM

-Started with Unit tests, worked up to Integration testing

DEMO & Lessons Learned