Scolkam
Language Goals

- Easily readable language
- Syntax based on Python
- General purpose
- Object Oriented
Compiler

-Scoliak 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

```python
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