# Discussion about syntax and paradigms.

*Trying to be minimalist – just to get things started*

* **Types**
  + Integers
  + Lists
  + Boolean
* **Language Features**
  + Lambda Expressions
  + Recursion
  + Pattern Matching

## Syntax Discussion

* *Use names from spreadsheet language*
* *UPPERCASE*

**Working with tables.**

struct Person[1..30] {

Id: A,

name: B,

age: D

}

**IF & ELSE**

IF x > 90 THEN "You got a A" ELSE "You did not get a A”

**Lambda Expression**

We’re all kinda fond of Haskell way of handling Lambda Expressions. (\x - > x + 1)

# Implementation Language

We’ll use Java. Because it’s the language being used in the CC Course.

## For being able to write some example programs.. It’s agreed upon that the syntax will be “haskell like”.. Go nuts!

Large programs vs. smaller programs.

Lisp vs. Haskell.