**Semantics of the language:**

**Do we allow operations involving entire arrays?**

**Do we allow in an expression or an assignment statement a mixture of integer and float variables?**

No, Each expression has to be of one type.

Examples:

1 + x + y.z \* a.b() must all evaluate to an integer. This is a valid expression

1 + 2.1 is not a valid expression. It mixes ints and floats

**How are parameters passed to procedures (by value, by reference, etc.)?**

Passed by reference

**Is there a limit on the number of function parameters?**

**Is function overloading allowed, i.e. functions with the same name but with varied number/type of**

**parameters in the same scope?**

No, function overloading is not allowed. The implementation only allows for a function to have one signature.

**Are recursive function calls allowed, or can two instances of the same function be active at the same time?**

**Etc**

No. Everything is allocated statically.