

### P3

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#### **Running instructions:**

make clean

make

make test

#### **Implementation:**

Implemented **Carrot.CUP** using **Carrot.grammar**.

Added **TokenVal** to terminals that needed us to access the field.

Added non-terminals as needed.

Set associativity and precedence rules.

Implemented the grammar rules.

Implemented **unparse()** methods in **ast.java**

Wrote test cases in **test.crrt** that covered all the grammar rules in depth.

Wrote tests to check if correct errors were shown.