BNF for microIR.jj

NON-TERMINALS

```
Goal ::= "MAIN" StmtList "END" ( Procedure )* <EOF>
  StmtList ::= ( ( Label )? Stmt )*
 Procedure ::= Label "[" IntegerLiteral "]" StmtExp
      Stmt ::= NoOpStmt
           | ErrorStmt
           | CJumpStmt
           | JumpStmt
           | HStoreStmt
           | HLoadStmt
           | MoveStmt
           | PrintStmt
NoOpStmt ::= "NOOP"
 ErrorStmt ::= "ERROR"
CJumpStmt ::= "CJUMP" Temp Label
 JumpStmt ::= "JUMP" Label
HStoreStmt ::= "HSTORE" Temp IntegerLiteral Temp
HLoadStmt ::= "HLOAD" Temp Temp IntegerLiteral
 MoveStmt ::= "MOVE" Temp Exp
 PrintStmt ::= "PRINT" SimpleExp
      Exp ::= Call
           | HAllocate
           | BinOp
           | SimpleExp
  StmtExp ::= "BEGIN" StmtList "RETURN" SimpleExp "END"
      Call ::= "CALL" SimpleExp "(" ( Temp )* ")"
 HAllocate ::= "HALLOCATE" SimpleExp
    BinOp ::= Operator Temp SimpleExp
  Operator ::= "LE"
           I "NE"
           I "PLUS"
           I "MINUS"
           I "TIMES"
           | "DIV"
SimpleExp ::= Temp
           | IntegerLiteral
           Label
```

Temp ::= "TEMP" IntegerLiteral

IntegerLiteral ::= <INTEGER_LITERAL>

Label ::= <IDENTIFIER>