* Parser
* funDefList -> {}
  + funDef -> {Header; “{“; Exp; “}”; }
  + funDefList\_Multiple -> {funDef; funDefList; }
* Header -> {FunName; ParameterList;}
* FunName -> {ID;}
* ParameterList -> {}
  + EmptyPList -> {}
  + NonEmptyPList -> {ID; ParameterList;}
* Exp -> {}
  + Id –> {}
  + Int - > {}
  + Float -> {}
  + FloatE -> {}
  + FloatF -> {}
  + Nil -> {}
  + Parenthesized -> {“(“; funExp; “)”;}
  + Condition -> {“if”; Exp; “then”; Exp; “else”; Exp}
* FunExp -> {}
  + FExp -> {funOp; ExpList;}
* FunOp -> {}
  + Id -> {}
  + Pair -> {“pair”; }
  + First -> {“first”; }
  + Second -> {“second”; }
  + ArOp -> {ArithOp; }
  + BlOp -> {BoolOp; }
  + CpOp -> {CompOp; }
* ArithOp -> {}
  + Add -> {“+”; }
  + Sub -> {“-“; }
  + Mul -> {“\*”; }
  + Div -> {“/”; }
* BoolOp -> {}
  + Or -> {“or”}
  + And -> {“and”}
  + Not -> {“not”}

CompOp -> {}

* + LessThan -> {“<”; }
  + LessThanEq -> {“<=”; }
  + GreaterThan -> {“>”; }
  + GreaterThanEq -> {“>=”; }
* ExpList -> {}
  + ExpList\_Empty -> {}
  + ExpList\_NonEmpty -> {Exp; ExpList; }