Assignment 5 Productions

'Goal->Line',

'Line->dtype Var',

'Line->name FunctionCheck',

'Line->print (Expr)',

'Line->function FunctionDef',

'Line->if (Expr) {',

'Line->while (Expr) {',

'Line->gift Expr',

'Line->}',

'FunctionDef->name ( ) {',

'FunctionCheck->(FunctionParam1)',

'FunctionCheck->Right',

'FunctionParam1->Expr FunctionParam2',

'FunctionParam1->eps',

'FunctionParam2->, Expr FunctionParam2',

'FunctionParam2->eps',

'Dtype->dtype',

'Dtype->eps',

'Var->name Right',

'Right->= Expr',

'Right->eps',

'Expr->Term Expr1',

'Expr1->+ Term Expr1',

'Expr1->- Term Expr1',

'Expr1->eps',

'Term->Factor Term1',

'Term1->* Factor Term1',

'Term1->/ Factor Term1',

'Term1->eps',

'Factor->Base Pow',

'Pow->^ Base Pow',

'Pow->eps',

'Base->(Expr)',

'Base->number',

'Base->name MaybeFunctionCall',

'Base->flum',

'Base->param',

'Base->- Neg',

'Neg->number',

'Neg->flum',

'Neg->name MaybeFunctionCall',

'Neg->param',

'MaybeFunctionCall->(FunctionParam1)',

'MaybeFunctionCall->eps'