Bài 2 (7 điểm) Thêm lệnh gán đồng thời nhiều biến vào KPL:  
x, y, … , z := <Expression>, <Expression>, … , <Expression>  
Ví dụ:x, y, z, t := y, z, t, x+y ;

AssignSt ::= VariableFunction VariableFunctions SB\_ASSIGN Expression Expressions

FIRST(**AssignSt**)=FIRST(**VariableFunction**)={**TK\_IDENT**}

* FIRST(**AssignSt**) không đổi !

FOLLOW(**AssignSt**) không đổi !

* FOLLOW(**AssignSt**)=FOLLOW(**Statement**)={**SB\_SEMICOLON,KW\_END,KW\_ELSE**}

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Void complieAssignSt(void){

complieVariableFunction();

complieVariableFunxtions();

eat(SB\_ASSIGN);

complieExpression();

complieExpressions();  
}

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VariableFunction ::= Variable

VariableFunction ::= FunctionIdent

FIRST(**VariableFunction**)={**TK\_IDENT**}FIRST(**Variable**)={**TK\_IDENT**}

FOLLOW(**VariableFunction**)=FOLLOW(**VariableFunctions**)={**SB\_ASSIGN**}

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void compileVariableFunction (void) {

eat(TK\_IDENT);

if (lookAhead->tokenType==SB\_LSEL) compileIndexes();

}

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VariableFunctions ::= SB\_COMMA VariableFunction VariableFunctions

VariableFunctions ::=

FIRST(**VariableFunctions**)={**SB\_COMMA**, }

FOLLOW(**VariableFunctions**)={**SB\_ASSIGN**}

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switch (lookAhead->tokenType) {

case SB\_COMMA:

compileVariableFunction();

compileVariableFunctions();

break;

case **SB\_ASSIGN**:

break;

default:

error(ERR\_INVALIDVARDECL, lookAhead->lineNo, lookAhead->colNo);

break;

}

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Expressions ::= SB\_COMMA Expression Expressions

Expressions ::=

FIRST(**Expressions**)={**SB\_COMMA**, }

* FOLLOW(**Expressions**)=FOLLOW(**AssignSt**)={**SB\_SEMICOLON,KW\_END,KW\_ELSE**}

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switch (lookAhead->tokenType) {

case SB\_COMMA:

compileExpression();

compileExpressions();

break;:

case **SB\_SEMICOLON**:

case **KW\_END**:

case **KW\_ELSE**:

break;

default:

error(ERR\_INVALIDEXPRESSION, lookAhead->lineNo, lookAhead->colNo);

break;

}

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* Tuy ở đây Expression Expressions làm cho follow của Expression thay đổi nhưng vì FOLLOW(**Expressions**) có và đã có **SB\_COMMA nên xem như không đổi**