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Gramática en notación EBNF modificada para ser LL(1)
1. <Program> ::= program id ; <BlockBody> .
  <BlockBody> ::= [<ConstantDefinitionPart>] [<TypeDefinitionPart>] [<VariableDefinitionPart>]
    {<ProcedureDefinition>} <CompoundStatement>
   <ConstantDefinitionPart> ::= const <ConstantDefinition> {<ConstantDefinition>}
    <ConstantDefinition> ::= id = <Constant> ;
    <TypeDefinitionPart> ::= type <TypeDefinition> {<TypeDefinition>}
   <TypeDefinition> ::= id = <NewType> ;
   <NewType> ::= <NewArrayType> | <NewRecordType>
   <NewArrayType> ::= array [ <IndexRange> ] of id
   <IndexRange> ::= <Constant> .. <Constant>
10. <NewRecordType> ::= record <FieldList> end
11. <FieldList> ::= <RecordSection> {; <RecordSection>}
12. <RecordSection> ::= id {, id} : id
13. <VariableDefinitionPart> ::= var <VariableDefinition> {<VariableDefinition>}
14. <VariableDefinition> ::= <VariableGroup> ;
15. <VariableGroup> ::= id {, id} : id
16. <ProcedureDefinition> ::= procedure id <ProcedureBlock> ;
17. <ProcedureBlock> ::= [( <FormalParameterList> )] ; <BlockBody>
18. <FormalParameterList> ::= <ParameterDefinition> {; <ParameterDefinition>}
19. <ParameterDefinition> ::= [var] < VariableGroup>
20. <Statement> ::= id <StatementGroup> | <IfStatement> | <WhileStatement> | <CompoundStatement> | ε
21. <StatementGroup> ::= {<Selector>} := <Expression> | <ProcedureStatement>
       Se elimina la Regla 21
22. <ProcedureStatement> ::= ( <ActualParameterList> )
23. <ActualParameterList> ::= <Expression> {, <Expression>}
       Se elimina la Regla 24
24. <IfStatement> ::= if <Expression> then <Statement> [else <Statement>]
25. <WhileStatement> ::= while <Expression> do <Statement>
26. <CompoundStatement> ::= begin <Statement> {; <Statement>} end
27. <Expression> ::= <SimpleExpression> [<RelationalOperator> <SimpleExpression>]
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28. <RelationalOperator> ::= < | = | > | <= | <> | >=

30. <SignOperator> ::= + | -

29. <SimpleExpression> ::= [<SignOperator>] <Term> {<AdditiveOperator> <Term>}

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31. <AdditiveOperator> ::= + | - | or
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- 32. <Term> ::= <Factor> {<MultiplyingOperator> <Factor>}
- 33. <MultiplyingOperator> ::= * | div | mod | and
- 34. <Factor> ::= numeral | id {<Selector>} | (<Expression>) | not <Factor>
- 35. <Selector> ::= <IndexSelector> | <FieldSelector>
- 36. <IndexSelector> ::= [<Expression>]
- 37. <FieldSelector> ::= . id
- 38. <Constant> ::= numeral | id

Se elimina la Regla 36

Gramática en notación BNF

- 1. <Program> ::= program id ; <BlockBody> .
- 2. <BlockBody> ::= <ConstantDefinitionPart> <TypeDefinitionPart> <VariableDefinitionPart> <ProcedureDefinition> <CompoundStatement>
- 3. <ConstantDefinitionPart> ::= const <ConstantDefinition> <ConstantDefinition2> | ε
- 4. <ConstantDefinition> ::= id = <Constant> ;
- 5. <ConstantDefinition2> ::= <ConstantDefinition> <ConstantDefinition2> | ε
- <TypeDefinitionPart> ::= type <TypeDefinition> <TypeDefinition2> | ε
- 7. <TypeDefinition> ::= id = <NewType> ;
- 8. <TypeDefinition2> ::= <TypeDefinition> <TypeDefinition2> | ε
- 9. <NewType> ::= <NewArrayType> | <NewRecordType>
- 10. <NewArrayType ::= array [<IndexRange>] of id
- 11. <IndexRange> ::= <Constant> .. <Constant>
- 12. <NewRecordType> ::= record <FieldList> end
- 13. <FieldList> ::= <RecordSection> <FieldList2> | ε
- 14. <FieldList2> ::= ; <RecordSection> <FieldList2> | ε
- 15. <RecordSection> ::= id <RecordSection2> : id
- 16. <RecordSection2> ::= , id <RecordSection2> | ε
- 17. <VariableDefinitionPart> ::= var <VariableDefinition> <VariableDefinition2> | ε
- 18. <VariableDefinition> ::= <VariableGroup> ;
- 19. <VariableDefinition2> ::= <VariableDefinition> <VariableDefinition2> | ε
- 20. <VariableGroup> ::= id <VariableGroup2> : id
- 21. <VariableGroup2> ::= , id <VariableGroup2> | ε
- 22. <ProcedureDefinition> ::= **procedure id** <ProcedureBlock> ; <ProcedureDefinition> | ε
- 23. <ProcedureBlock> ::= <ProcedureBlock2> ; <BlockBody>
- 24. <ProcedureBlock2> ::= (<FormalParameterList>) | ε
- 25. <FormalParameterList> ::= <ParameterDefinition> <ParameterDefinition2> | ε
- 26. <ParameterDefinition> ::= var <VariableGroup> | <VariableGroup>
- 27. <ParameterDefinition2> ::= ; <ParameterDefinition> <ParameterDefinition2> | ε
- 28. <Statement> ::= id <StatementGroup> | <IfStatement> | <WhileStatement> | <CompoundStatement> | ε
- 29. <StatementGroup> ::= <Factor2> := <Expression> | <ProcedureStatement>
- 30. <ProcedureStatement> ::= (<ActualParameterList>) | ε
- 31. <ActualParameterList> ::= <Expression> <Expression2>
- 32. <Expression2> ::= , <Expression> <Expression2> | ε

- 33. <lfStatement> ::= if <Expression> then <Statement> <lfStatement2>
- 34. <IfStatement2> ::= else <Statement> | ε
- 35. <WhileStatement> ::= while <Expression> do <Statement>
- 36. <CompoundStatement> ::= begin <Statement> <Statement2> end
- 37. <Statement2> ::= ; <Statement> <Statement2> | ε
- 38. <Expression> ::= <SimpleExpression> <ExpressionGroup>
- 39. <ExpressionGroup> ::= <RelationalOperator> <SimpleExpression> | ε
- 40. <RelationalOperator> ::= < | = | > | <= | <> | >=
- 41. <SimpleExpression> ::= <Sign> <Term> <SimpleExpressionGroup>
- 42. <Sign> ::= <SignOperator $> | \epsilon$
- 43. <SimpleExpressionGroup> ::= <AdditiveOperator> <Term> <SimpleExpressionGroup> | ϵ
- 44. <SignOperator> ::= + | -
- 45. <AdditiveOperator> ::= + | | or
- 46. <Term> ::= <Factor> <Multiplying>
- 47. <Multiplying> ::= <MultiplyingOperator> <Factor> <Multiplying> | ε
- 48. <MultiplyingOperator> ::= * | div | mod | and
- 49. <Factor> ::= numeral | id <Factor2> | (<Expression>) | not <Factor>
- 50. <Factor2> ::= <Selector> <Factor2> | ε
- 51. <Selector> ::= <IndexSelector> | <FieldSelector>
- 52. <IndexSelector> ::= [<Expression>]
- 53. <FieldSelector> ::= . id
- 54. <Constant> ::= numeral | id

NO TERMINAL	FIRST	FOLLOW
Program	program	\$
BlockBody	const type var procedure begin	.;
ConstantDefinitionPart	const ε	type var procedure begin
ConstantDefinition	id	id type var procedure begin
ConstantDefinition2	id ε	type var procedure begin
TypeDefinitionPart	type ε	var procedure begin
TypeDefinition	id	id var procedure begin
TypeDefinition2	id ε	var procedure begin
NewType	array record	;
NewArrayType	array	;
IndexRange	numeral id	1
NewRecordType	record	;
FieldList	id	end
FieldList2	; ε	end
RecordSection	id	; end
RecordSection2	, ε	:
VariableDefinitionPart	var ε	procedure begin
VariableDefinition	id	id procedure begin
VariableDefinition2	id ε	procedure begin
VariableGroup	id	;)
VariableGroup2	, ε	:
ProcedureDefinition	procedure ε	begin
ProcedureBlock	(;	;
ProcedureBlock2	(ε	;
FormalParameterList	var id ε)
ParameterDefinition	var id	;)
ParameterDefinition2	; ε)
Statement	id if while begin ε	else end ;
StatementGroup	[.:=(ε	else end ;
ProcedureStatement	(else end ;
ActualParameterList	+ - numeral id not ()
Expression2	, ε)
IfStatement	if	else end ;

IfStatement2	else ε	else end ;
WhileStatement	while	else end ;
CompoundStatement	begin	else end ; .
Statement2	; ε	end
Expression	+ - numeral id not (else end ; ,) do] then
ExpressionGroup	< = > <= <> >= 8	else end ; ,) do] then
RelationalOperator	<=><=<>>=	+ - numeral id not (
SimpleExpression	+ - numeral id not (else end ; ,) do] then < = > <= <> >=
Sign	4 - £	numeral id not (
SimpleExpressionGroup	+ - or ε	else end ; ,) do] then < = > <= <> >=
SignOperator	+-	numeral id not (
AdditiveOperator	+ - or	numeral id not (
Term	numeral id not (+ - or else end ; ,) do] then < = > <= <> >=
Multiplying	* div mod and ε	+ - or else end ; ,) do] then < = > <= <> >=
MultiplyingOperator	* div mod and	numeral id not (
Factor	numeral id not (* div mod and + - or else end ; ,) do] then < = > <= <> >=
Factor2	[.ε	:= * div mod and + - or else end ; ,) do] then < = > <= <> >=
Selector	[.	[. := * div mod and + - or else end ; ,) do] then < = > <= <> >=
IndexSelector	[[. := * div mod and + - or else end ; ,) do] then < = > <= <> >=
FieldSelector		[. := * div mod and + - or else end ; ,) do] then < = > <= <> >=
Constant	numeral id	;]

PRODUCCIÓN	PREDICTION
Program -> program id ; BlockBody .	program
BlockBody -> ConstantDefinitionPart TypeDefinitionPart VariableDefinitionPart ProcedureDefinition CompoundStatement	const type var procedure begin
ConstantDefinitionPart -> const ConstantDefinition ConstantDefinition2	const
ConstantDefinitionPart -> ε	type var procedure begin
ConstantDefinition -> id = Constant;	id
ConstantDefinition2 -> ConstantDefinition ConstantDefinition2	id
ConstantDefinition2 -> ε	type var procedure begin
TypeDefinitionPart -> type TypeDefinition TypeDefinition 2	type
TypeDefinitionPart -> ε	var procedure begin
TypeDefinition -> id = NewType;	id
TypeDefinition2 -> TypeDefinition TypeDefinition2	id
TypeDefinition2 -> ε	var procedure begin
NewType -> NewArrayType	array
NewType -> NewRecordType	record
NewArrayType -> array [IndexRange] of id	array
IndexRange -> Constant Constant	numeral id
NewRecordType -> record RecordSection FieldList end	record
FieldList -> ; RecordSection FieldList	id
FieldList2 -> ; RecordSection FieldList2	;
FieldList2 -> ε	end
RecordSection -> id RecordSection2 : id	id
RecordSection2 -> , RecordSection2	,
RecordSection2 -> ε	:
VariableDefinitionPart -> var VariableDefinition VariableDefinition2	var
VariableDefinitionPart -> ε	procedure begin
VariableDefinition -> RecordSection ;	id
VariableDefinition2 -> VariableDefinition VariableDefinition2	id
VariableDefinition2 -> ε	procedure begin
VariableGroup -> id VariableGroup 2 : id	id
VariableGroup 2 -> , VariableGroup 2	,
VariableGroup 2 -> ε	:
ProcedureDefinition -> procedure id ProcedureBlock; ProcedureDefinition	procedure
ProcedureDefinition -> ε	begin

ProcedureBlock -> ProcedureBlock2; BlockBody	(;
ProcedureBlock2 -> (FormalParameterList)	(
ProcedureBlock2 -> ε	;
FormalParameterList -> ParameterDefinition ParameterDefinition2	var id
FormalParameterList -> ε)
ParameterDefinition -> var RecordSection	var
ParameterDefinition -> RecordSection	id
ParameterDefinition2 -> ; ParameterDefinition ParameterDefinition2	;
ParameterDefinition2 -> ε)
Statement -> id StatementGroup	id
Statement -> IfStatement	if
Statement -> WhileStatement	while
Statement -> CompoundStatement	begin
Statement -> ε	else end ;
StatementGroup -> Factor2 := Expression	[.:=
StatementGroup -> ProcedureStatement	(else end ;
ProcedureStatement -> (ActualParameterList)	(
ProcedureStatement -> ε	else end ;
ActualParameterList -> Expression Expression2	+ - numeral id not (
Expression2 -> , Expression Expression2	,
Expression2 -> ε)
IfStatement -> if Expression then Statement IfStatement2	if
IfStatement2 -> else Statement	else
IfStatement2 -> ε	else end ;
WhileStatement -> while Expression do Statement	while
CompoundStatement -> begin Statement Statement2 end	begin
Statement2 -> ; Statement Statement2	;
Statement2 -> ε	end
Expression -> SimpleExpression ExpressionGroup	+ - numeral id not (
ExpressionGroup -> RelationalOperator SimpleExpression	<=><=<>>=
ExpressionGroup -> ε	else end ; ,) do] then
RelationalOperator -> < = > <= <> >=	< = > <= <> >=
SimpleExpression -> Sign Term SimpleExpressionGroup	+ - numeral id not (

Sign -> SignOperator	+-
Sign -> ε	numeral id not (
SimpleExpressionGroup -> AdditiveOperator Term SimpleExpressionGroup	+ - or
SimpleExpressionGroup -> ε	else end ; ,) do] then < = > <= <> >=
SignOperator -> + -	+ -
AdditiveOperator -> + - or	+ - or
Term -> Factor Multiplying	numeral id not (
Multiplying -> MultiplyingOperator Factor Multiplying	* div mod and
Multiplying -> ε	+ - or else end ; ,) do] then < = > <= <>>=
MultiplyingOperator -> * div mod and	* div mod and
Factor -> numeral	numeral
Factor -> id Factor2	id
Factor -> (Expression)	(
Factor -> not Factor	not
Factor2 -> Selector Factor2	[.
Factor2 -> ε	:= * div mod and + - or else end ; ,) do] then < = > <= <> >=
Selector -> IndexSelector	[
Selector -> FieldSelector	
IndexSelector -> [Expression]	[
FieldSelector -> . id	
Constant -> numeral	numeral
Constant -> id	id