GROUP 19			Rajat Payghan (2021A7PS2218P)			
			Rudra Goyal (2021A7PS0708P)			
			Samraddh Saxena (2021A7PS1455P)			
			Aditya Patel (2021A7PS2433P)			
			Bhagwati Iyer (2021A7PS0685P)			
			Jai Bothra (2021A7PS0015P)			
	Non Terminals				First Set	Follow Set
	<pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>	\===>	<otherfunctions> <mainfunction></mainfunction></otherfunctions>	Original	TK_FUNID	\$
	<mainfunction></mainfunction>	\===>	TK_MAIN <stmts> TK_END</stmts>	Original	TK_MAIN	\$
	<otherfunctions></otherfunctions>	\===>	<function><otherfunctions> eps</otherfunctions></function>	Original	TK_FUNID	TK_MAIN
	<function></function>	\===>	TK_FUNID <input_par> <output_par> TK_SEM <stmts> TK_END</stmts></output_par></input_par>	Original	TK_FUNID	TK_FUNID, TK_MAIN
	<input_par></input_par>	\===>	TK_INPUT TK_PARAMETER TK_LIST TK_SQL <parameter_list> TK_SQR</parameter_list>	Original	TK_INPUT	TK_OUTPUT, TK_SEM
	<output_par></output_par>	\===>	TK_OUTPUT TK_PARAMETER TK_LIST TK_SQL <parameter_list> TK_SQR eps</parameter_list>	Original	TK_OUTPUT	TK_SEM
	· -			<u> </u>	TK INT, TK REAL, TK RECORD,	_
	<pre><parameter_list></parameter_list></pre>	\===>	<datatype> TK_ID <remaining_list></remaining_list></datatype>	Original	TK_UNION, TK_RUID	TK_SQR
					TK_INT, TK_REAL, TK_RECORD,	
	<datatype></datatype>	\===>	<pre><primitivedatatype> <constructeddatatype></constructeddatatype></primitivedatatype></pre>	Original	TK_UNION, TK_RUID	TK_COLON, TK_ID
	<pre><pre><pre><pre>primitiveDatatype></pre></pre></pre></pre>	\===>	TK_INT TK_REAL	Original	TK_INT, TK_REAL	TK_COLON, TK_ID
	<constructeddatatype></constructeddatatype>	\===>	TK_RECORD TK_RUID TK_UNION TK_RUID TK_RUID	New & Edited	TK_RECORD, TK_UNION, TK_RUID	TK_COLON, TK_ID
	<remaining_list></remaining_list>	\===>	TK_COMMA <parameter_list> ∈</parameter_list>	Original	TK_COMMA	TK_SQR
	<stmts></stmts>	\===>	<typedefinitions> <declarations> <otherstmts><returnstmt></returnstmt></otherstmts></declarations></typedefinitions>	Original	TK_RECORD, TK_TYPE, TK_ID, TK_RECORD_ID, TK_WHILE, TK_IF, TK_READ, TK_WRITE, TK_SQL, TK_CALL,TK_RETURN	TK_END
	<typedefinitions></typedefinitions>	\===>	<typedefinition><typedefinitions> </typedefinitions></typedefinition>	New & Edited	TK_RECORD, TK_UNION	TK_TYPE
	<typedefinition></typedefinition>	\===>	TK_RECORD TK_RUID <fielddefinitions> TK_ENDRECORD</fielddefinitions>	Original	TK_RECORD	TK_RECORD
	<typedefinition></typedefinition>	\===>	TK_UNION TK_RUID <fielddefinitions> TK_ENDUNION</fielddefinitions>	Original	TK_UNION	TK_UNION
	<fielddefinitions></fielddefinitions>	\===>	<fielddefinition><fielddefinition><morefields></morefields></fielddefinition></fielddefinition>	Original	TK_TYPE	TK_ENDRECORD, TK_ENDUNION
	<fielddefinition></fielddefinition>	\===>	TK_TYPE <datatype> TK_COLON TK_FIELDID TK_SEM <typedefinition><fielddefinition></fielddefinition></typedefinition></datatype>	New & Edited	TK_TYPE	TK_TYPE, TK_ENDRECORD, TK_ENDUNION
	<morefields></morefields>	\===>	<fielddefinition><morefields> ∈</morefields></fielddefinition>	Original	TK_TYPE	TK_ENDRECORD, TK_ENDUNION
	<declarations></declarations>	\===>	<declaration><declarations> ∈</declarations></declaration>	Original	TK_TYPE	TK_ID, TK_RECORDID, TK_WHILE, TK_IF, TK_READ, TK_WRITE, TK_SQL, TK_CALL, TK_RETURN
	<declaration></declaration>	\===>	TK_TYPE <datatype> TK_COLON TK_ID <global_or_not> TK_SEM</global_or_not></datatype>	New & Edited	тк түре	TK_ID, TK_RECORD_ID, TK_WHILE, TK_IF, TK_READ, TK_WRITE, TK_SQL, TK_CALL
	<global_or_not></global_or_not>	\===>	TK_COLON TK_GLOBAL ∈	New & Edited	TK COLON	TK_SEM
	<otherstmts></otherstmts>	\===>	<pre><stmt><otherstmts> ∈</otherstmts></stmt></pre>	Original	TK_ID, TK_RECORDID, TK_WHILE, TK_IF, TK_READ, TK_WRITE, TK_SQL, TK_CALL	TK_RETURN, TK_ENDIF, TK_ELSE, TK_ENDWHILE
	<stmt></stmt>	\===>	<assignmentstmt> <iterativestmt> <conditionalstmt> <iostmt> <funcallstmt></funcallstmt></iostmt></conditionalstmt></iterativestmt></assignmentstmt>	Original	TK_ID, TK_WHILE, TK_IF, TK_READ, TK_WRITE, TK_SQL, TK_CALL	TK_ID, TK_WHILE, TK_IF, TK_READ, TK_WRITE, TK_SQI TK_CALL, TK_ENDWHILE, TK_ELSE, TK_ENDIF, TK_RETURN

					TK_ID, TK_WHILE, T TK_READ, TK_WRIT TK_CALL, TK_ENDW TK_ELSE, TK_ENDIF
<assignmentstmt></assignmentstmt>	\===>	<singleorrecid> TK_ASSIGNOP <arithmeticexpression> TK_SEM</arithmeticexpression></singleorrecid>	Original	TK_ID	TK_RETURN
<singleorrecid></singleorrecid>	\===>	TK_ID <sorrechelper></sorrechelper>	New & Edited	TK_ID	TK_ASSIGNOP
<sorrechelper></sorrechelper>	\===>	eps TK_DOT TK_FIELDID	New & Edited	TK_DOT, eps	TK_ASSIGNOP, TK_N TK_DIV, TK_SEM, TK TK_PLUS, TK_MINU
<funcallstmt></funcallstmt>	\===>	<pre><outputparameters> TK_CALL TK_FUNID TK_WITH TK_PARAMETERS <inputparameters>TK_SEM</inputparameters></outputparameters></pre>	New & Edited	TK_SQL, TK_CALL	TK_ID, TK_WHILE, T TK_READ, TK_WRIT TK_CALL, TK_ENDW TK_ELSE, TK_ENDIF, TK_RETURN
<outputparameters></outputparameters>	\===>	TK_SQL <idlist> TK_SQR TK_ASSIGNOP eps</idlist>	Original	TK_SQL	TK_CALL
<inputparameters></inputparameters>	\===>	TK_SQL <idlist> TK_SQR</idlist>	Original	TK_SQL	TK_SEM
<iterativestmt></iterativestmt>	\===>	TK_WHILE TK_OP < booleanExpression> TK_CL < stmt> < otherStmts> TK_ENDWHILE	Original	TK_WHILE	TK_ID, TK_WHILE, T TK_READ, TK_WRIT TK_CALL, TK_ENDW TK_ELSE, TK_ENDIF, TK_RETURN
<conditionalstmt></conditionalstmt>	\===>	TK_IF TK_OP <booleanexpression> TK_CL TK_THEN <stmt><otherstmts> <elsepart></elsepart></otherstmts></stmt></booleanexpression>	New & Edited	TK_IF	TK_ID, TK_WHILE, TI TK_READ, TK_WRITE TK_CALL, TK_ENDW TK_ELSE, TK_ENDIF, TK_RETURN
<elsepart></elsepart>	\===>	TK_ELSE <stmt><otherstmts> TK_ENDIF TK_ENDIF</otherstmts></stmt>	New & Edited	TK_ELSE	TK_ID, TK_WHILE, T TK_READ, TK_WRIT TK_CALL, TK_ENDW TK_ELSE, TK_ENDIF, TK_RETURN
<iostmt></iostmt>	\===>	TK_READ TK_OP <var> TK_CL TK_SEM TK_WRITE TK_OP <var> TK_CL TK_SEM</var></var>	Original	TK_READ	TK_ID, TK_WHILE, T TK_READ, TK_WRIT TK_CALL, TK_ENDW TK_ELSE, TK_ENDIF, TK_RETURN
<arithmeticexpression></arithmeticexpression>	,			_	
	\===>	<term><expr'></expr'></term>	New & Edited	TK_OP ,TK_ID,TK_RNUM,TK_NUM	TK_SEM, TK_CL
<expr'></expr'>	\===>	TK_PLUS <term> <expr'> TK_MINUS <term> <expr'> eps</expr'></term></expr'></term>	New & Edited	eps,TK_PLUS,TK_MINUS	TK_SEM, TK_CL
<term></term>	\===>	<factor><term'></term'></factor>	New & Edited	TK_OP,TK_ID,TK_RNUM,TK_NUM	TK_SEM, TK_CL, TK TK_MINUS
<term'></term'>	\===>	TK_MUL <factor><term'> TK_DIV<factor><term'> eps</term'></factor></term'></factor>	New & Edited	TK_MUL, TK_DIV, eps	TK_SEM, TK_CL, TK TK_MINUS
<factor></factor>	\===>	TK_OP <arithmeticexpression> TK_CL <var></var></arithmeticexpression>	New & Edited	TK_ID, TK_NUM, TK_RNUM, TK_OP	TK_MUL, TK_DIV, TI
 <booleanexpression></booleanexpression>	\===>	TK_OP <booleanexpression> TK_CL <logicalop> TK_OP <booleanexpression> TK_CL</booleanexpression></logicalop></booleanexpression>	Original	TK_OP	TK_CL
 <booleanexpression></booleanexpression>	\===>	<var><relationalop><var></var></relationalop></var>	Original	TK_ID, TK_NUM, TK_RNUM	TK_CL
 <booleanexpression></booleanexpression>	\===>	TK_NOT TK_OP <booleanexpression> TK_CL</booleanexpression>	Original	TK_NOT	TK_CL
<var></var>	\===>	TK_ID <sorrechelper> TK_NUM TK_RNUM</sorrechelper>	New & Edited	TK_ID, TK_NUM, TK_RNUM	TK_MUL, TK_DIV, T TK_CL, TK_PLUS, Tk
<logicalop></logicalop>	===>	TK_AND TK_OR	Original	TK_AND, TK_OR	TK_OP

<relationalop></relationalop>	===>	TK_LT TK_LE TK_EQ TK_GT TK_GE TK_NE	Original	TK_LT ,TK_LE ,TK_EQ ,TK_GT , TK_GE ,TK_NE	TK_ID, TK_NUM, TK_RNUM
<returnstmt></returnstmt>	===>	TK_RETURN <optionalreturn> TK_SEM</optionalreturn>	Original	TK_RETURN	TK_END
<optionalreturn></optionalreturn>	===>	TK_SQL <idlist> TK_SQR ∈</idlist>	Original	TK_SQL, eps	TK_SEM
<idlist></idlist>	\===>	TK_ID <more_ids></more_ids>	Original	TK_ID	TK_SQR
<more_ids></more_ids>	\===>	TK_COMMA <idlist> eps</idlist>	Original	TK_COMMA, eps	TK_SQR
<definetypestmt></definetypestmt>	\===>	TK_DEFINETYPE <a> TK_RUID TK_AS TK_RUID	Original	TK_DEFINETYPE	TK_RECORD, TK_UNION
<a>	\===>	TK_RECORD TK_UNION	Original	TK_RECORD, TK_UNION	TK_RUID