

Non Terminal	First Set
First(<program>)	{TK_FUNID,TK_MAIN}
First(<mainFunction>)	{TK_MAIN}
First(<otherFunctions>)	{TK_FUNID, EPS}
First(<function>)	{TK_FUNID}
First(<input_par>)	{TK_INPUT}
First(<output_par>)	{TK_OUTPUT, EPS}
First(<parameter_list>)	{TK_INT, TK_REAL, TK_RECORD}
First(<dataType>)	{TK_INT, TK_REAL, TK_RECORD}
First(<primitiveDatatype>)	{TK_INT, TK_REAL}
First(<constructedDatatype>)	{TK_RECORD}
First(<remaining_list>)	{TK_COMMA, EPS}
First(<stmts>)	{TK_RECORD, TK_TYPE, TK_ID, TK_RECORDID, TK_WHILE, TK_IF, TK_READ, TK_WRITE, TK_SQL, TK_CALL, TK_RETURN}
First(<typeDefinitions>)	{TK_RECORD, EPS}
First(<typeDefinition>)	{TK_RECORD}
First(<fieldDefinitions>)	{TK_TYPE}
First(<fieldDefinition>)	{TK_TYPE}
First(<moreFields>)	{TK_TYPE, EPS}
First(<declarations>)	{TK_TYPE, EPS}
First(<declaration>)	{TK_TYPE}
First(<declaration'>)	{TK_COLON, EPS}
First(<global_or_not>)	{TK_GLOBAL}
First(<otherStmts>)	{TK_ID, TK_RECORDID, TK_WHILE, TK_IF, TK_READ, TK_WRITE, TK_SQL, TK_CALL, EPS}
First(<stmt>)	{TK_ID, TK_RECORDID, TK_WHILE, TK_IF, TK_READ, TK_WRITE, TK_SQL, TK_CALL}
First(<assignmentStmt>)	{TK_ID, TK_RECORDID}
First(<singleOrRecId>)	{TK_ID, TK_RECORDID}
First(<funCallStmt>)	{TK_SQL, TK_CALL}
First(<outputParameters>)	{TK_SQL, EPS}
First(<inputParameters>)	{TK_SQL}
First(<iterativeStmt>)	{TK_WHILE}
First(<conditionalStmt>)	{TK_IF}
First(<ioStmt>)	{TK_READ, TK_WRITE}
First(<allVar>)	{TK_RECORDID, TK_ID, TK_NUM, TK_RNUM}
First(<conditionalStmt'>)	{TK_ELSE, TK_ENDIF}
First(<arithmeticExpression>)	{TK_OP, TK_ID, TK_NUM, TK_RNUM}
First(<expression>)	{TK_PLUS, TK_MINUS, EPS}
First(<term>)	{TK_OP, TK_ID, TK_NUM, TK_RNUM}
First(<term'>)	{TK_MUL, TK_DIV, EPS}
First(<factor>)	{TK_OP, TK_ID, TK_NUM, TK_RNUM}
First(<operator1>)	{TK_PLUS, TK_MINUS}
First(<operator2>)	{TK_MUL, TK_DIV}
First(<booleanExpression>)	{TK_OP, TK_NOT, TK_ID, TK_NUM, TK_RNUM}
First(<var>)	{TK_ID, TK_NUM, TK_RNUM}
First(<logicalOp>)	{TK_OR, TK_AND}
First(<relationalOp>)	{TK_LT, TK_LE, TK_GT, TK_GE, TK_EQ, TK_NE}
First(<returnStmt>)	{TK_RETURN}
First(<optionalReturn>)	{TK_SQL, EPS}
First(<idList>)	{TK_ID}
First(<more_ids>)	{TK_COMMA, EPS}