Write x();

6) **Function\_call ->** identifier **(** Arguments **)**

**Arguments ->** identifier ArgumentsDash | E

**ArgumentsDash** -> **,** identifier ArgumentsDash **|** E

7) **Term ->** Number | identifier | Function\_call

8) **Arithmatic\_Operator** ->+ | - | \* | /

9) **Equation** -> Factor EquationDash

**EquationDash ->** Arithmatic\_Operator Factor EquationDash | E

**Factor** -> (Equation ) | Term

10) **Expression** -> Equation | Term | String

11) **Assignment\_Statement** -> identifier  **:=** Expression

12) **Datatype** -> int | float | string

13) **Declaration\_Statement** -> Datatype List\_identifier identifier A\_exper ;

**A\_exper** -> := Expression | E

**List\_identifier** -> identifier A\_exper, List\_identifier | E

14) **Write\_Statement** -> write X\_Term ;

**X\_Term** -> Expression | endl

15) **Read\_Statement** -> read identifier ;

16) **Return\_Statement** -> return Expression ;

17) **Condition\_operation** -> < | > | <> | =

18) **Condition** -> identifier Condition\_operation Term

19) **Boolean\_operation** -> && | ||

20) **Condition\_Statement** -> Condition Fcondition

**Fcondition** -> Boolean\_operation Condition Fcondition | E

21) If\_Statement -> if Condition\_Statement **then** Statments ElsStatments

**ElsStatments ->** Else\_If\_Statment | Else\_Statment | end

**Statements ->** Statement; StatementsDash

**StatementsDash ->** Statement ; StatementsDash **|** E

**Statement ->** Read\_Statement | Write\_Statement | Assignment\_Statement

22) **Else\_If\_Statement** -> elseif Condition\_Statement then Statments ElsStatments

23) **Else\_If\_Statement** -> else Statments end

24) **Repeat\_Statement** -> repeat Statments until Condition\_Statement

25) **FunctionName ->** Identifier

26) **Parameter** -> Datatype identifier

27) **Function\_Declaration** -> Datatype identifier (F\_parameter1)

**F\_parameter1** -> Parameter F\_parameter2 | E

**F\_parameter2** -> , Parameter F\_parameter2 | E

28) **Function\_Body** -> { Statements Return\_Statement }

**Statements** -> statement Statements | E

29) **Function\_Statement** -> Function\_Declaration Function\_Body

30) **Main\_Function** -> Datatype main () Function\_Body

31) **Program** -> Function Main\_Function

**Function** -> Function\_Statement Function | E