1) a) zprogram> := <stmt> (stmt)

< Stmt> ::= cassign> | if- stmt> \ cwhile-stmt>

cassign > " = Lid7 = Lexpr>;

cif-stmt>::= if (cexpr) 2stmt> [else & stmt>]

Kwhile-stmt71:=While ((expr7) 2stmt)

cexpr > := < term > {(+1-) cterm > }

L term > := < factor > {(+1/) cfactor>}

Factor >: = cid> | <number> 1 (cexpr>)

b) function-call 7: 1 = <1d (<0p+-arg-11s+>)

copt-arg-11st> !:= < corg-11st> [ E

carg-list> ii = <expr> carg-list-tail> (arg-list-tail>:!= <expr> carg-list-tail> 18

(declaration): = ctype><id>) (type><id>= cexpr)

c) cor-expr); = (or\_expr) or cand-expr) (and-expr):= < and-expr > and < not-expr > (and-expr)

chet-expr7: = not < not-expr7 | <primary >
zprimary > ::= true | false | ( = or - expr>)

200 (5) (5)=) <A> <B> <C) => a <A> (B) (E) ->aa(B)(c) =7 aa b (B) (C). = 3 aabbbbcc> = 2 a a b b b c < < > => aabbbcc Final string: abbbcc b) a+b \* 3+c

if cexpro then detm+>else detm+> (assign) Foulse <assign) <id>= (number (id) = minute) the (assign) False cassign > cint = numbers <id> = <number y

-

Eadd >::= <add>+ <aul> | <add - <amul> | <add - <amul> | 2POW7: = <Atom> 1 CPOW7 / CAtoms SA tomo :: = ( (CEXPT)) ( < number (1/PI-PI-PI-70/C