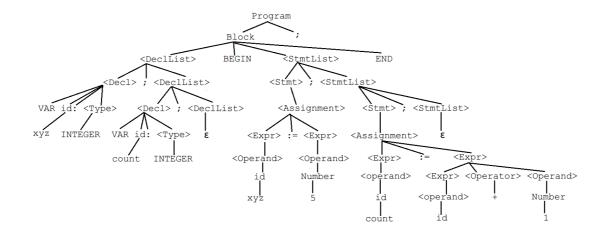
BNF推导2

Parse tree:



The operator "+" is left-associative.

Derivation:

```
10
11 -> VAR xyz: INTEGER;
     VAR id: <Type>;
12
     BEGIN <StmtList> END;
13
14
15 -> VAR xyz: INTEGER;
16 VAR count: INTEGER;
17 BEGIN
18
     <Stmt>;
19
        <StmtList>
20 END;
21
22 -> VAR xyz: INTEGER;
     VAR count: INTEGER;
23
24 BEGIN
25
     <Assignment>;
26
        <Stmt>;
27
         <StmtList>
28
     END;
29
30 -> VAR xyz: INTEGER;
31
     VAR count: INTEGER;
32 BEGIN
33
      <Expr> := <Expr>;
34
         <Assignment>;
35
      END;
36
37 -> VAR xyz: INTEGER;
38
     VAR count: INTEGER;
39 BEGIN
40
     <Operand> := <Operand>;
         <Expr> := <Expr>;
41
```

```
42
       END;
43
44 -> VAR XYZ: INTEGER;
      VAR count: INTEGER;
45
46
       BEGIN
       <Operand> := <Operand>;
47
          <Operand> := <Expr> <Operator>
48
   <Operand>;
49
       END;
50
51 -> VAR XYZ: INTEGER;
52
      VAR count: INTEGER;
53
       BEGIN
          id := Number;
54
55
          id := <Operand> <Operator> <Operand>;
56
       END;
57
58 -> VAR xyz: INTEGER;
59
      VAR count: INTEGER;
60
       BEGIN
       xyz := 5;
61
62
       count := id + Number;
63
       END;
64
65 -> VAR xyz: INTEGER;
66
      VAR count: INTEGER;
67
       BEGIN
          xyz := 5;
68
69
       count := xyz + 1;
70
       END;
```