CFL CW3

|  |  |
| --- | --- |
| Stmt -> | Skip | Id:=AExp | If BExp then Block else Block | While BExp do Block  | Read AExp | Write AExp |
| Stmts -> | Stmt ; Stmt | Stmt |
| Block -> | { Stmt } | Stmt |
| AExp -> | Te + AExp | Te - AExp |
| Te -> | Fa \* Te |
| Fa -> | ( AExp ) | Var | Num | Str |
| BExp -> | AExp == AExp | AExp != AExp | AExp < AExp | AExp > AExp | true | false | (BExp) | AExp <= AExp | AExp >= AExp |

**if** (a **<** b) **then skip else** a :**=** a \* b + 1

\*

1

a

b

+

:=

a

skip<

b

<

a

If