A Context Free Grammar for YASL Statements CIN and COUT need to be Completed

```
while expression do <statement> |
<statement>
                     -->
                            if expression then <statement> <follow-if> |
                            id <follow-id> |
                            cout <follow-cout> |
                            cin <follow-cin>
                            begin <follow-begin>
<follow-begin>
                             end |
                     -->
                            <statement> <statement-tail> end
                            ; <statement> <statement-tail> |
<statement-tail>
                     -->
                            ε
<follow-if>
                            else <statement>
                     -->
                            3
<follow-id>
                            = expression |
                     -->
                            ~ id |
                            ( expression <follow-expression> ) |
                            ε
<follow-expression> -->
                            , expression <follow-expression> |
                            ε
                            <cin> -> <follow-cin>
                            <follow-cin> -> >> id <follow-cin>| E
<follow-cin>
                            Complete this based on the syntax diagrams.
                     -->
                            Complete this based on the syntax diagrams, you may wish to add
<follow-cout> -->
                            a non-terminal to handle expressions-stringconsts, and endls.
                           <cout> -> << <follow-cout><cout-tail>
                           <follow-cout> -> string-constant| endl | expression
                           <cout-tail> -> << <follow-cout><cout-tail>|E
```

Panel 17 -> <var-decs> <func-decs> prog-body> <block> <follow-begin> 17

Panel 18

(type) -> int | boolean

18

```
Panel 23
```