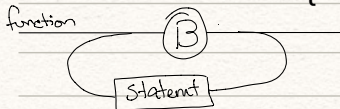
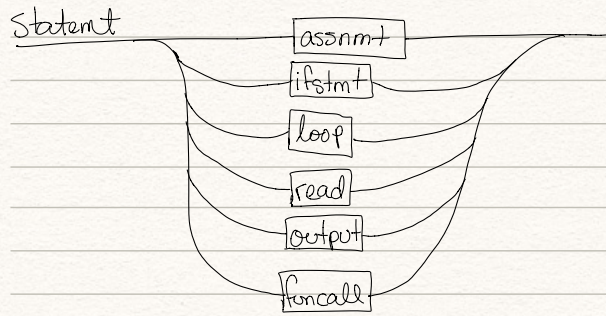


1. function ::= B {statemt}



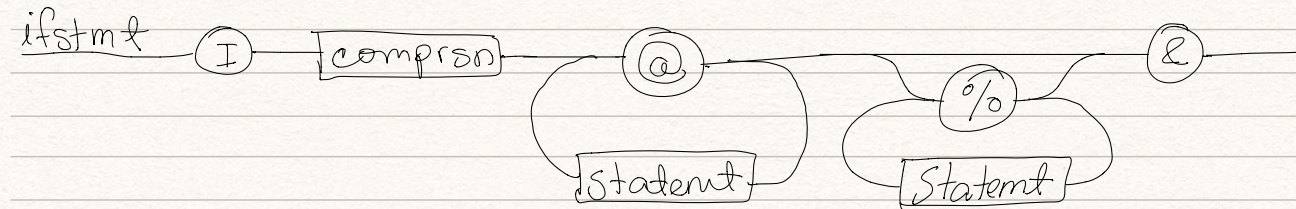
2. statemt ::= assnmt | ifstmt | loop | read | output | funcall



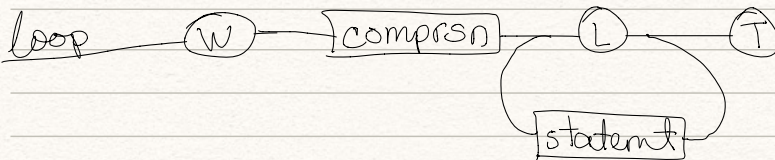
3. assnmt ::= ident ~ exprn ;



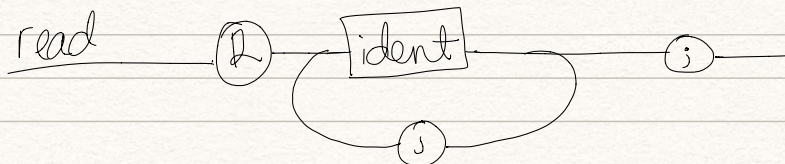
4. ifstmt ::= I comprsn @ {statemt} [% {statemt}] &



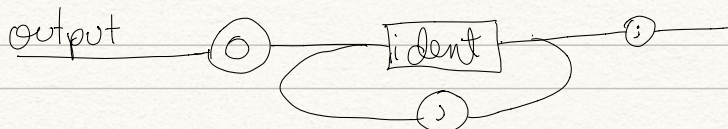
5. loop ::= W comprsn L {statemt} T



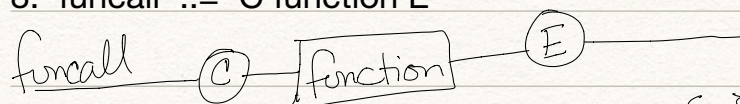
6. read ::= R ident {, ident} ;



7. output ::= O ident {, ident} ;

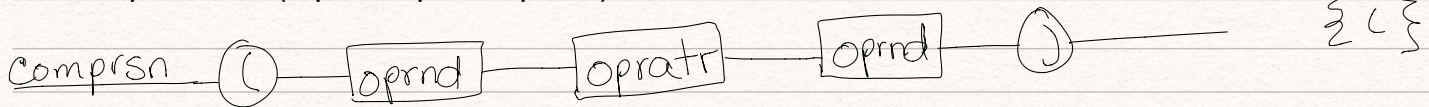


8. funcall ::= C function E



$\{C\} \cap \text{first}(\text{function}) \cap \{E\}$

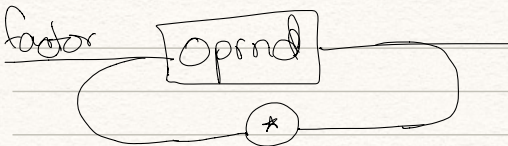
9. $\text{comprsn} ::= (\text{oprnd opratr oprnd})$



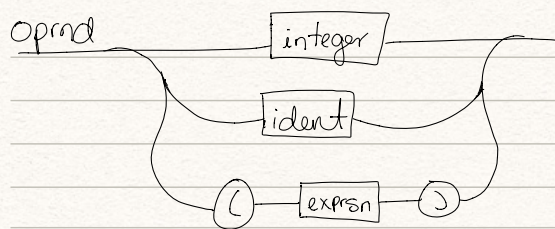
10. $\text{exprsn} ::= \text{factor} \{ + \text{factor} \}$



11. $\text{factor} ::= \text{oprnd} \{ * \text{oprnd} \}$

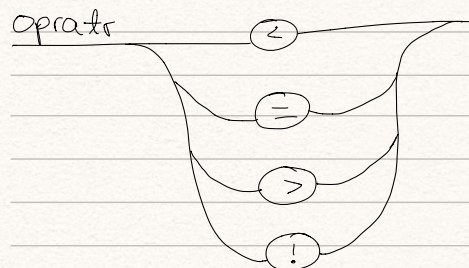


12. $\text{oprnd} ::= \text{integer} \mid \text{ident} \mid (\text{exprsn})$



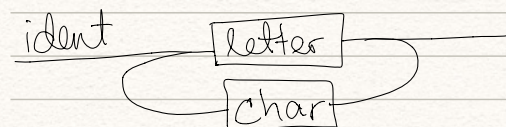
$\text{first}(\text{integer}) \cap \text{first}(\text{ident}) \cap \{ (\}$

13. $\text{opratr} ::= < \mid = \mid > \mid !$

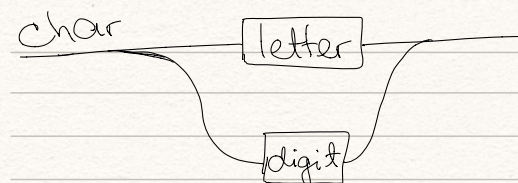


opratr is a trivial case

14. $\text{ident} ::= \text{letter} \{ \text{char} \}$

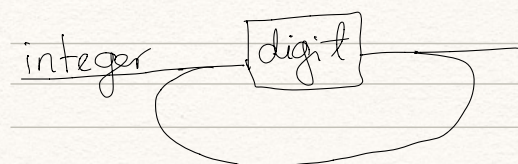


15. $\text{char} ::= \text{letter} \mid \text{digit}$



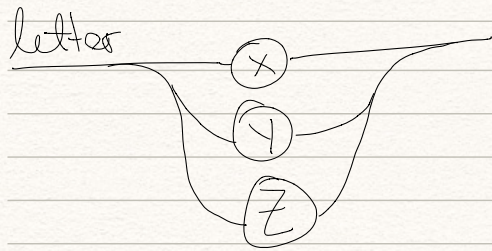
$\text{first}(\text{letter}) \cap \text{first}(\text{digit})$
 $\{ X, Y, Z \} \cap \{ 0, 1, 2, 3, 4, 5, 6, 7 \}$
 $\{ 0, 1, 2, 3, 4, 5, 6, 7, X, Y, Z \}$

16. $\text{integer} ::= \text{digit} \{ \text{digit} \}$



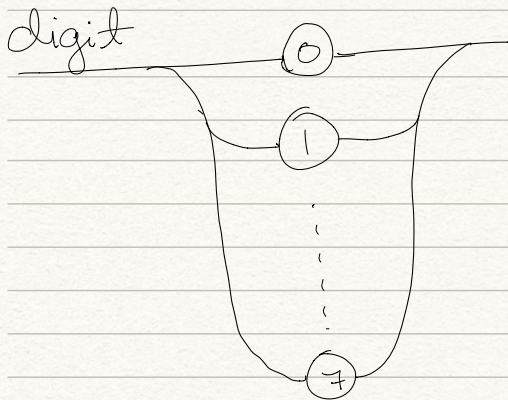
$\text{first}(\text{digit}) \cap \text{follow}(\text{integer})$

17. letter ::= X | Y | Z



letter is a trivial case

18. digit ::= 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7



digit is a trivial case

② $\text{first}(\text{assnmt}) \cap \text{first}(\text{ifstmt}) \cap \text{first}(\text{loop}) \cap \text{first}(\text{read}) \cap \text{first}(\text{output}) \cap \text{first}(\text{funcall})$

③ $\text{first}(\text{ident}) \cap \{\sim\} \cap \text{first}(\text{expro}) \cap \{;\}$

④

⑤