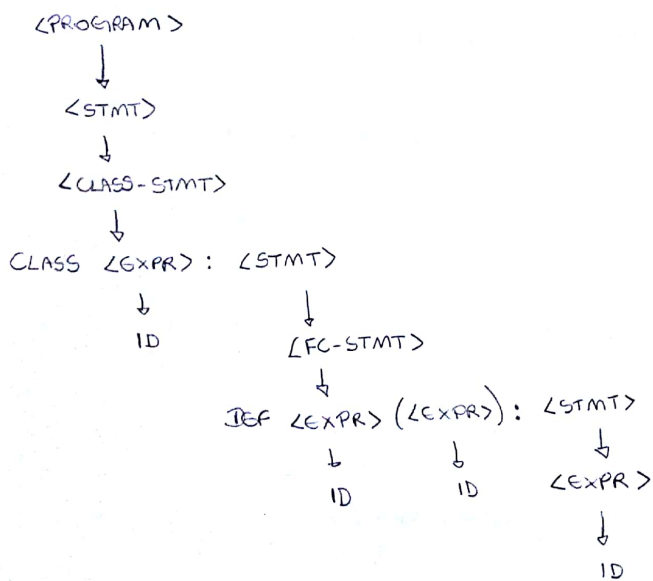


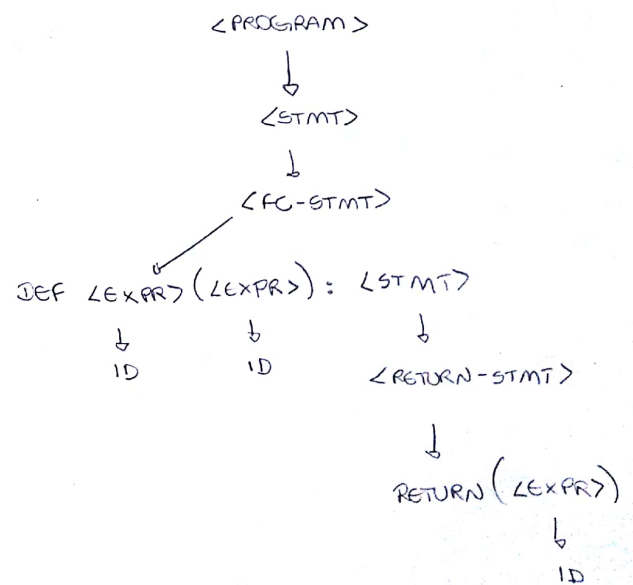
ÁRVORE ABSTRATA :

$\langle \text{PROGRAM} \rangle ::= \langle \text{PROGRAM} \rangle \langle \text{STMT} \rangle \mid \langle \text{STMT} \rangle$
 $\langle \text{STMT} \rangle ::= \langle \text{IF-STMT} \rangle \mid \langle \text{FC-STMT} \rangle \mid \langle \text{CLASS-STMT} \rangle \mid \langle \text{RETURN-STMT} \rangle \mid \langle \text{EXPR} \rangle$
 $\langle \text{IF-STMT} \rangle ::= \text{IF } \langle \text{EXPR} \rangle \text{ IS } \langle \text{EXPR} \rangle : \langle \text{STMT} \rangle \mid \text{IF } \langle \text{EXPR} \rangle \text{ OR } \langle \text{EXPR} \rangle : \langle \text{STMT} \rangle$
 $\langle \text{FC-STMT} \rangle ::= \text{DEF } \langle \text{EXPR} \rangle (\langle \text{EXPR} \rangle) : \langle \text{STMT} \rangle$
 $\langle \text{CLASS-STMT} \rangle ::= \text{CLASS } \langle \text{EXPR} \rangle : \langle \text{STMT} \rangle$
 $\langle \text{RETURN-STMT} \rangle ::= \text{RETURN } (\langle \text{EXPR} \rangle)$
 $\langle \text{EXPR} \rangle ::= \text{ID} \mid \text{NONE} \mid \text{TRUE} \mid \text{FALSE} \mid \epsilon \mid \text{ID AND ID}$

CLASS TREE:



CHECK-BINARY-SEARCH-TREE TREE:



IS_BST_AUX TREE:

