First(RETURN) = First(return FACTOR semi)

= {return}

First(FACTOR) = First(lparen EXPR rparen) U First(id) U First(num) U First(float)

= {lparen, id, num, float}

First(COND) = First(FACTOR comp FACTOR)

= {lparen, id, num, float}

Fist(TERM) = First(FACTOR multdiv TERM) U First(FACTOR)

= First(FACTOR)

= {lparen, id, num, float}

First(EXPR) = First(TERM addsub EXPR) U First(TERM)

= First(TERM)

= {lparen, id, num, float}

First(RHS) = First(EXPR) U First(literal)

= {lparen, id, num, float, literal}

First(ELSE) = First(else lbrace BLOCK rbrace) U First(ε)

= {else, ε}

First(VDECL) = First(vtype id semi) U First(vtype ASSIGN smei)

= {vtype}

Fist(ASSIGN) = First(id assign RHS)

= {id}

First(STMT) = First(for lparen ASSIGN semi COND semi ASSIGN rparen lbrace BLOCK rbrace)  
 U First(while lparen COND rparen lbrace BLOCK rbrace)  
 U First(if lparen COND rparen lbrace BLOCK rbrace ELSE)  
 U First(VDECL) U First (ASSIGN semi)

= First(for) U First(while) U First(if) U First(VDECL) U First(ASSIGN)

= {for, while, if, vtype, id}

First(BLOCK) = First(STMT BLOCK) U First(ε)

= {for, while, if, vtype, id, ε}

First(MOREARGS) = First(comma vtype id MOREARGS) U First(ε)

= {comma, ε}

First(ARG) = First(vtype id MOREARGS) U First(ε)

= {vtype, ε}

First(FDECL) = First(vtype id lparen ARG rparen lbrace BLOCK RETURN rbrace)

= {vtype}

First(CODE) = First(VDECL CODE) U First(FDECL CODE) U First(ε)

= {vtype, ε}