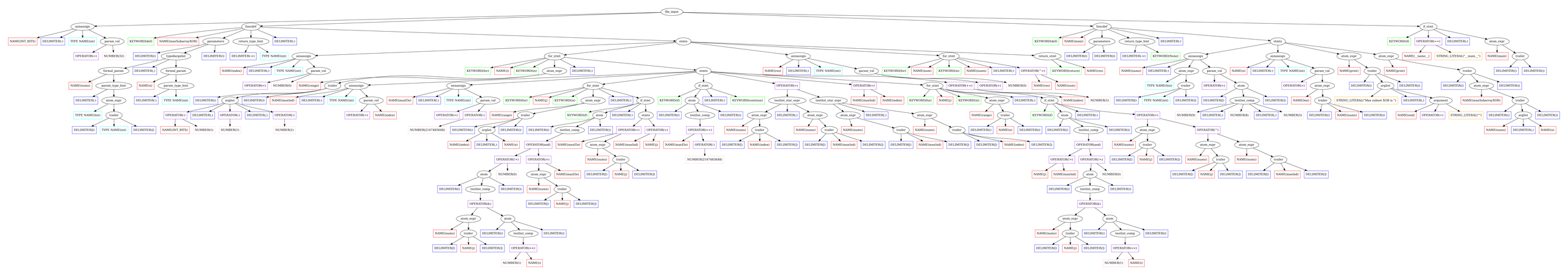

file_input
annassign
funcdef
funcdef
if_stmt
NAME(INT_BITS)
DELIMITER(:)
TYPE NAME(int)
param_val
KEYWORD(def)
NAME(maxSubarrayXOR)
parameters
return_type_hint
DELIMITER(:)
stmts
KEYWORD(def)
NAME(main)
parameters
return_type_hint
DELIMITER(:)
stmts
KEYWORD(if)
OPERATOR(==)
DELIMITER(:)
atom_expr
OPERATOR(=)
NUMBER(32)
DELIMITER(()
typedargslist
DELIMITER())
DELIMITER(->)
TYPE NAME(int)
annassign
for_stmt
annassign
for_stmt
return_stmt
DELIMITER(()
DELIMITER())
DELIMITER(->)
KEYWORD(None)
annassign
annassign
atom_expr
atom_expr
NAME(__name__)
STRING_LITERAL("__main__")
NAME(main)
trailer
formal_param
DELIMITER(,)
formal_param
NAME(index)
DELIMITER(:)
TYPE NAME(int)
param_val
KEYWORD(for)
NAME(i)
KEYWORD(in)
atom_expr
DELIMITER(:)
stmts
NAME(res)
DELIMITER(:)
TYPE NAME(int)
param_val
KEYWORD(for)
NAME(num)
KEYWORD(in)
NAME(nums)
DELIMITER(:)
OPERATOR(^=)
KEYWORD(return)
NAME(res)
NAME(nums)
DELIMITER(:)
atom_expr
param_val
NAME(n)
DELIMITER(:)
TYPE NAME(int)
param_val
atom_expr
NAME(print)
trailer
NAME(print)
trailer
DELIMITER(()
DELIMITER())
NAME(nums)
param_type_hint
NAME(n)
param_type_hint
OPERATOR(=)
NUMBER(0)
NAME(range)
trailer
annassign
annassign
for_stmt
if_stmt
OPERATOR(=)
OPERATOR(=)
for_stmt
OPERATOR(+=)
OPERATOR(=)
NUMBER(0)
NAME(res)
NAME(num)
TYPE NAME(list)
trailer
OPERATOR(=)
atom
OPERATOR(=)
atom_expr
DELIMITER(()
arglist
DELIMITER())
DELIMITER(()
atom_expr
DELIMITER())
DELIMITER(:)
atom_expr
DELIMITER(:)
TYPE NAME(int)
DELIMITER(()
arglist
DELIMITER())
NAME(maxInd)
DELIMITER(:)
TYPE NAME(int)
param_val
NAME(maxEle)
DELIMITER(:)
TYPE NAME(int)
param_val
KEYWORD(for)
NAME(j)
KEYWORD(in)
atom_expr
DELIMITER(:)
if_stmt
KEYWORD(if)
atom
DELIMITER(:)
KEYWORD(continue)
testlist_star_expr
testlist_star_expr
NAME(maxInd)
NAME(index)
KEYWORD(for)
NAME(j)
KEYWORD(in)
atom_expr
DELIMITER(:)
if_stmt
NAME(index)
NUMBER(1)
DELIMITER([)
TYPE NAME(int)
DELIMITER(])
DELIMITER([)
testlist_comp
DELIMITER(])
NAME(len)
trailer
STRING_LITERAL("Max subset XOR is ")
DELIMITER(,)
argument
NAME(maxSubarrayXOR)
trailer
TYPE NAME(list)
trailer
OPERATOR(-)
DELIMITER(,)
OPERATOR(-)
DELIMITER(,)
OPERATOR(-)
OPERATOR(=)
NAME(index)
OPERATOR(=)
OPERATOR(-)
NAME(range)
trailer
KEYWORD(if)
atom
DELIMITER(:)
stmts
DELIMITER(()
testlist_comp
DELIMITER())
atom_expr
DELIMITER(,)
atom_expr
atom_expr
DELIMITER(,)
atom_expr
NAME(range)
trailer
KEYWORD(if)
atom
DELIMITER(:)
OPERATOR(=)
NUMBER(9)
DELIMITER(,)
NUMBER(8)
DELIMITER(,)
NUMBER(5)
DELIMITER(()
NAME(nums)
DELIMITER())
NAME(end)
OPERATOR(=)
STRING_LITERAL("")
DELIMITER(()
arglist
DELIMITER())
DELIMITER([)
TYPE NAME(int)
DELIMITER(])
NAME(INT_BITS)
NUMBER(1)
NUMBER(1)
NUMBER(1)
NUMBER(2147483648)
DELIMITER(()
arglist
DELIMITER())
DELIMITER(()
testlist_comp
DELIMITER())
OPERATOR(=)
OPERATOR(=)
OPERATOR(==)
NAME(nums)
trailer
NAME(nums)
trailer
NAME(nums)
trailer
NAME(nums)
trailer
DELIMITER(()
NAME(n)
DELIMITER())
DELIMITER(()
testlist_comp
DELIMITER())
atom_expr
OPERATOR(^)
NAME(nums)
DELIMITER(,)
NAME(n)
NAME(index)
DELIMITER(,)
NAME(n)
OPERATOR(and)
NAME(maxEle)
atom_expr
NAME(maxInd)
NAME(j)
NAME(maxEle)
OPERATOR(-)
DELIMITER([)
NAME(index)
DELIMITER(])
DELIMITER([)
NAME(maxInd)
DELIMITER(])
DELIMITER([)
NAME(maxInd)
DELIMITER(])
DELIMITER([)
NAME(index)
DELIMITER(])
OPERATOR(and)
NAME(nums)
trailer
atom_expr
atom_expr
OPERATOR(!=)
OPERATOR(>)
NAME(nums)
trailer
NUMBER(2147483648)
OPERATOR(!=)
OPERATOR(!=)
DELIMITER([)
NAME(j)
DELIMITER(])
NAME(nums)
trailer
NAME(nums)
trailer
atom
NUMBER(0)
atom_expr
NAME(maxEle)
DELIMITER([)
NAME(j)
DELIMITER(])
NAME(j)
NAME(maxInd)
atom
NUMBER(0)
DELIMITER([)
NAME(j)
DELIMITER(])
DELIMITER([)
NAME(maxInd)
DELIMITER(])
DELIMITER(()
testlist_comp
DELIMITER())
NAME(nums)
trailer
DELIMITER(()
testlist_comp
DELIMITER())
OPERATOR(&)
DELIMITER([)
NAME(j)
DELIMITER(])
OPERATOR(&)
atom_expr
atom
atom_expr
atom
NAME(nums)
trailer
DELIMITER(()
testlist_comp
DELIMITER())
NAME(nums)
trailer
DELIMITER(()
testlist_comp
DELIMITER())
DELIMITER([)
NAME(j)
DELIMITER(])
OPERATOR(<<)
DELIMITER([)
NAME(j)
DELIMITER(])
OPERATOR(<<)
NUMBER(1)
NAME(i)
NUMBER(1)
NAME(i)