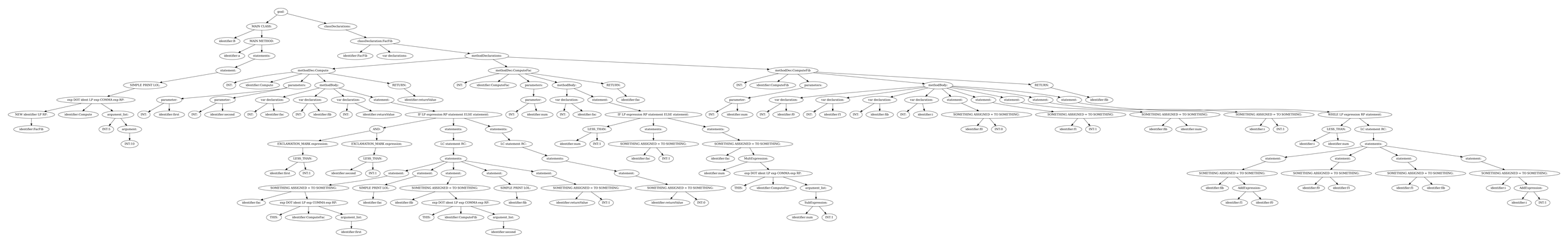
goal:
MAIN CLASS:
identifier:B
MAIN METHOD:
identifier:a
statements:
statement:
SIMPLE PRINT LOL:
exp DOT ident LP exp COMMA exp RP:
NEW identifier LP RP:
identifier:FacFib
identifier:Compute
argument_list:
INT:5
argument:
INT:10
classDeclarations:
classDeclaration:FacFib
identifier:FacFib
var declarations:
methodDeclarations:
methodDec:Compute
INT:
identifier:Compute
parameters:
parameter:
INT:
identifier:first
parameter:
INT:
identifier:second
methodBody:
var declaration:
INT:
identifier:fac
var declaration:
INT:
identifier:fib
var declaration:
INT:
identifier:returnValue
statement:
IF LP expression RP statement ELSE statement:
AND:
EXCLAMATION_MARK expression:
LESS_THAN:
identifier:first
INT:1
EXCLAMATION_MARK expression:
LESS_THAN:
identifier:second
INT:1
statements:
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:fac
exp DOT ident LP exp COMMA exp RP:
THIS:
identifier:ComputeFac
argument_list:
identifier:first
statement:
SIMPLE PRINT LOL:
identifier:fac
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:fib
exp DOT ident LP exp COMMA exp RP:
THIS:
identifier:ComputeFib
argument_list:
identifier:second
statement:
SIMPLE PRINT LOL:
identifier:fib
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:returnValue
INT:1
statements:
LC statement RC:
statements:
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:returnValue
INT:0
statements:
LC statement RC:
statements:
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:fac
INT:1
methodDec:ComputeFac
INT:
identifier:ComputeFac
parameters:
parameter:
INT:
identifier:num
methodBody:
var declaration:
INT:
identifier:fac
statement:
IF LP expression RP statement ELSE statement:
LESS_THAN:
identifier:num
INT:1
statements:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:fac
INT:1
statements:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:fac
MultExpression:
identifier:num
exp DOT ident LP exp COMMA exp RP:
THIS:
identifier:ComputeFac
argument_list:
SubExpression:
identifier:num
INT:1
RETURN:
identifier:fac
methodDec:ComputeFib
INT:
identifier:ComputeFib
parameters:
parameter:
INT:
identifier:num
methodBody:
var declaration:
INT:
identifier:fib
var declaration:
INT:
identifier:f1
var declaration:
INT:
identifier:fib
var declaration:
INT:
identifier:i
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:fib
INT:0
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:f1
INT:1
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:fib
identifier:num
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:i
INT:1
statement:
WHILE LP expression RP statement:
LESS_THAN:
identifier:i
identifier:num
LC statement RC:
statements:
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:fib
AddExpression:
identifier:f1
identifier:f0
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:f0
identifier:f1
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:f1
identifier:fib
statement:
SOMETHING ASSIGNED = TO SOMETHING:
identifier:i
AddExpression:
identifier:i
INT:1
RETURN:
identifier:fib