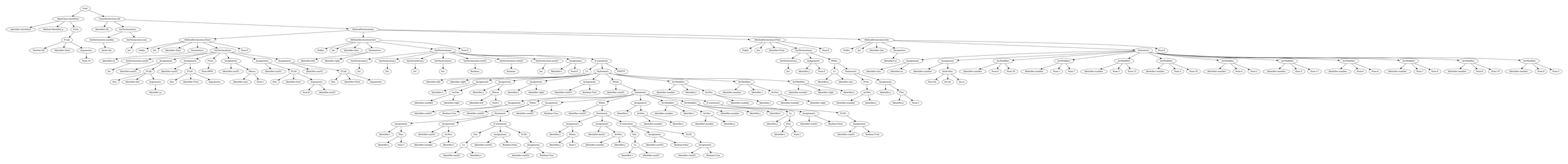
Goal
MainClass.QuickSort
Identifier QuickSort
Method Identifier g
Print
PLeft
NewVar Q1
Identifier Num1
Arguments
Num 10
ClassDeclaration Q1
Identifier Q1
VarDeclarations
VarDeclaration number
Int
Arden Int
VarDeclaration size
Int
Public
Q1
Identifier Num
Parameters
VarDeclarations
Num 0
VarDeclaration aux03
Int
Identifier aux
Assignment
Identifier aux
PLeft
Identifier aux02
Identifier Init
Assignment
Identifier Init
PLeft
Identifier aux01
Identifier Num
Print
PLeft
Identifier Print
Arguments
Assignment
Identifier aux01
Minus
Identifier aux02
Num 1
Assignment
Identifier aux02
PLeft
Identifier aux03
Identifier Num
Assignment
Identifier aux03
PLeft
Identifier Num
Arguments
Identifier aux
Assignment
Identifier aux01
PLeft
Identifier Num
Arguments
Num 5
Identifier aux03
MethodDeclarations
MethodDeclaration Num
Public
Q1
Identifier Num
Parameters
VarDeclarations
Num 0
VarDeclaration left
Int
Identifier left
VarDeclaration right
Int
Identifier right
VarDeclaration v
Int
Num 0
VarDeclaration i
Int
Num 0
VarDeclaration j
Int
Num 0
VarDeclaration t
Int
Num 0
VarDeclaration cont01
Boolean
False
VarDeclaration cont02
Boolean
False
VarDeclaration aux03
Int
Identifier v
Num 0
Assignment
Identifier left
Num 1
P statement
Identifier left
Identifier right
Assignment
Identifier i
Identifier left
Assignment
Identifier j
Identifier right
Assignment
Identifier cont01
Boolean True
Assignment
Identifier cont02
Boolean True
While
Identifier cont01
Statement
Assignment
Identifier t
ArrDec
Identifier number
Identifier i
Assignment
Identifier i
Plus
Identifier i
Num 1
Assignment
Identifier cont01
Boolean False
While
Identifier cont02
Statement
Assignment
Identifier t
ArrDec
Identifier number
Identifier j
Assignment
Identifier j
Minus
Identifier j
Num 1
Assignment
Identifier cont02
Boolean False
P statement
Identifier number
Identifier i
Identifier t
P statement
Identifier number
Identifier j
Identifier t
ArrModifier
Identifier number
Identifier i
ArrDec
Identifier number
Identifier i
ArrModifier
Identifier number
Identifier j
ArrDec
Identifier number
Identifier j
ArrModifier
Identifier number
Identifier i
ArrDec
Identifier number
Identifier i
ArrModifier
Identifier number
Identifier j
ArrDec
Identifier number
Identifier j
If statement
Identifier number
Identifier i
Identifier number
Identifier j
If statement
Identifier number
Identifier i
Identifier number
Identifier j
If statement
Identifier number
Identifier i