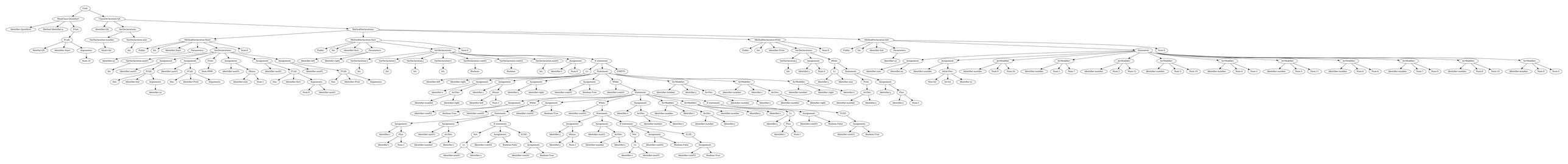
Goal
MainClass QuickSort
Identifier QuickSort
Method Identifier g
Print
PLeft
NewVar Q1
Identifier Num1
Arguments
Num 10
ClassDeclaration Q1
Identifier Q1
ClassDeclarations
VarDeclaration size
Int
Public
Q1
Identifier Num
Parameters
VarDeclaration number
Int
Arr Identifier
Num 0
MethodDeclaration Start
VarDeclaration aux03
Identifier aa
Assignment
Identifier aux03
PLeft
Identifier Num
Arguments
Identifier aa
Assignment
Identifier aux04
PLeft
Identifier Num
Arguments
Identifier aa
Print
PLeft
Identifier Print
Arguments
Assignment
Identifier aux02
Minus
Identifier aux01
Num 1
Assignment
Identifier aux01
PLeft
Identifier Num
Arguments
Identifier aux02
Assignment
Identifier aux03
PLeft
Identifier Num
Arguments
Num 0
MethodDeclaration Init
Public
Int
Identifier Init
Parameters
VarDeclaration num
Int
Identifier num
Num 0
Assignment
Identifier num
Identifier n
MethodDeclaration Start
Public
Int
Identifier Start
Parameters
VarDeclaration aux01
Identifier left
Assignment
Identifier left
Num 1
VarDeclaration aux02
Identifier right
Assignment
Identifier right
Identifier n
VarDeclaration t
Int
VarDeclaration y
Int
VarDeclaration i
Int
VarDeclaration cont01
Boolean
VarDeclaration cont02
Boolean
VarDeclaration aux03
Int
Assignment
Identifier t
Num 0
F statement
Identifier left
Identifier right
Assignment
Identifier i
Minus
Identifier i
Num 1
Assignment
Identifier cont01
Boolean True
Assignment
Identifier cont02
Boolean True
While
Identifier cont02
Assignment
Identifier y
Minus
Identifier y
Num 1
Assignment
Identifier cont02
Boolean False
While
Identifier cont01
Assignment
Identifier number
ArrAcc
Identifier i
ArrMember
Identifier number
Identifier i
ArrMember
F statement
Identifier number
Identifier i
Identifier number
Identifier i
Identifier number
Identifier i