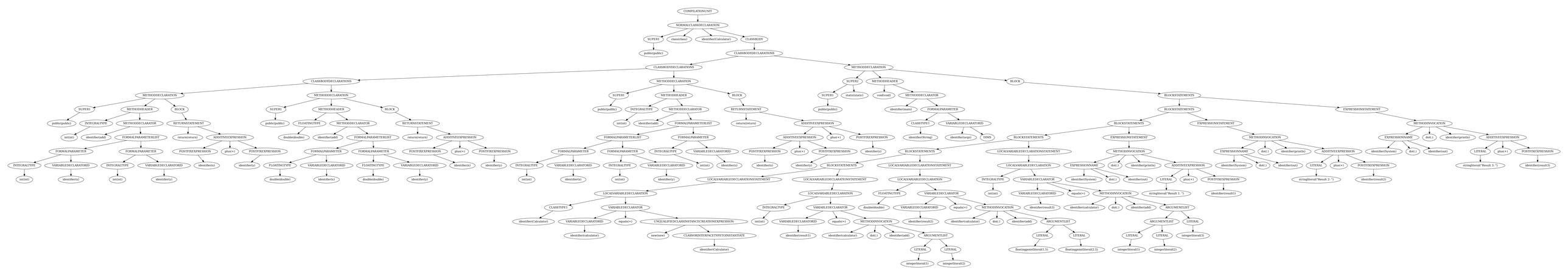
COMPILATIONUNIT
NORMALCLASSDECLARATION
SUPER3
class(class)
identifier(Calculator)
CLASSBODY
public(public)
CLASSBODYDECLARATIONS
METHODDECLARATION
SUPER1
METHODHEADER
BLOCK
public(public)
INTEGRALTYPE
METHODDECLARATOR
RETURNSTATEMENT
int(int)
identifier(add)
FORMALPARAMETERLIST
return(return)
ADDITIVEEXPRESSION
FORMALPARAMETER
plus(+)
POSTFIXEXPRESSION
INTEGRALTYPE
VARIABLEDECLARATORID
identifier(y)
int(int)
identifier(x)
METHODDECLARATION
SUPER1
METHODHEADER
BLOCK
public(public)
FLOATINGTYPE
METHODDECLARATOR
RETURNSTATEMENT
double(double)
identifier(add)
FORMALPARAMETERLIST
return(return)
ADDITIVEEXPRESSION
FORMALPARAMETER
FORMALPARAMETER
plus(+)
POSTFIXEXPRESSION
FLOATINGTYPE
VARIABLEDECLARATORID
FLOATINGTYPE
VARIABLEDECLARATORID
identifier(y)
double(double)
identifier(x)
double(double)
identifier(y)
identifier(y)
METHODDECLARATION
SUPER1
METHODHEADER
BLOCK
public(public)
INTEGRALTYPE
METHODDECLARATOR
RETURNSTATEMENT
int(int)
identifier(add)
FORMALPARAMETERLIST
return(return)
ADDITIVEEXPRESSION
FORMALPARAMETER
FORMALPARAMETER
plus(+)
POSTFIXEXPRESSION
INTEGRALTYPE
VARIABLEDECLARATORID
INTEGRALTYPE
VARIABLEDECLARATORID
identifier(x)
int(int)
identifier(y)
int(int)
identifier(x)
identifier(y)
METHODDECLARATION
SUPER2
METHODHEADER
BLOCK
public(public)
static(static)
void(void)
METHODDECLARATOR
identifier(main)
FORMALPARAMETER
CLASSTYPE1
VARIABLEDECLARATORID
identifier(String)
identifier(args)
DIMS
BLOCKSTATEMENTS
BLOCKSTATEMENTS
BLOCKSTATEMENTS
EXPRESSIONSTATEMENT
LOCALVARIABLEDECLARATIONSTATEMENT
METHODINVOCATION
LOCALVARIABLEDECLARATION
EXPRESSIONNAME
dot(.)
identifier(println)
ADDITIVEEXPRESSION
INTEGRALTYPE
VARIABLEDECLARATOR
identifier(System)
dot(.)
identifier(out)
LITERAL
plus(+)
POSTFIXEXPRESSION
int(int)
identifier(result3)
equals(=)
METHODINVOCATION
string(literal("Result 1-"))
identifier(result1)
identifier(calculator)
dot(.)
identifier(add)
ARGUMENTLIST
LITERAL
LITERAL
floatingpointliteral(3.5)
floatingpointliteral(2.5)
BLOCKSTATEMENTS
BLOCKSTATEMENTS
EXPRESSIONSTATEMENT
METHODINVOCATION
EXPRESSIONNAME
dot(.)
identifier(println)
ADDITIVEEXPRESSION
identifier(System)
dot(.)
identifier(out)
LITERAL
plus(+)
POSTFIXEXPRESSION
string(literal("Result 2- "))
identifier(result2)
LOCALVARIABLEDECLARATIONSTATEMENT
LOCALVARIABLEDECLARATION
CLASSTYPE1
VARIABLEDECLARATOR
identifier(Calculator)
VARIABLEDECLARATORID
identifier(calculator)
equals(=)
UNQUALIFIEDCLASSINSTANCECREATIONEXPRESSION
new(new)
CLASSORINTERFACETYPETOINSTANTIATE
identifier(Calculator)
LOCALVARIABLEDECLARATIONSTATEMENT
LOCALVARIABLEDECLARATION
INTEGRALTYPE
VARIABLEDECLARATOR
int(int)
VARIABLEDECLARATORID
identifier(result1)
equals(=)
METHODINVOCATION
identifier(calculator)
dot(.)
identifier(add)
ARGUMENTLIST
LITERAL
LITERAL
integerliteral(1)
integerliteral(2)
LOCALVARIABLEDECLARATIONSTATEMENT
LOCALVARIABLEDECLARATION
FLOATINGTYPE
VARIABLEDECLARATOR
double(double)
VARIABLEDECLARATORID
identifier(result2)
equals(=)
METHODINVOCATION
identifier(calculator)
dot(.)
identifier(add)
ARGUMENTLIST
LITERAL
LITERAL
integerliteral(1)
integerliteral(2)
EXPRESSIONSTATEMENT
METHODINVOCATION
EXPRESSIONNAME
dot(.)
identifier(println)
ADDITIVEEXPRESSION
identifier(System)
dot(.)
identifier(out)
LITERAL
plus(+)
POSTFIXEXPRESSION
string(literal("Result 3- "))
identifier(result3)