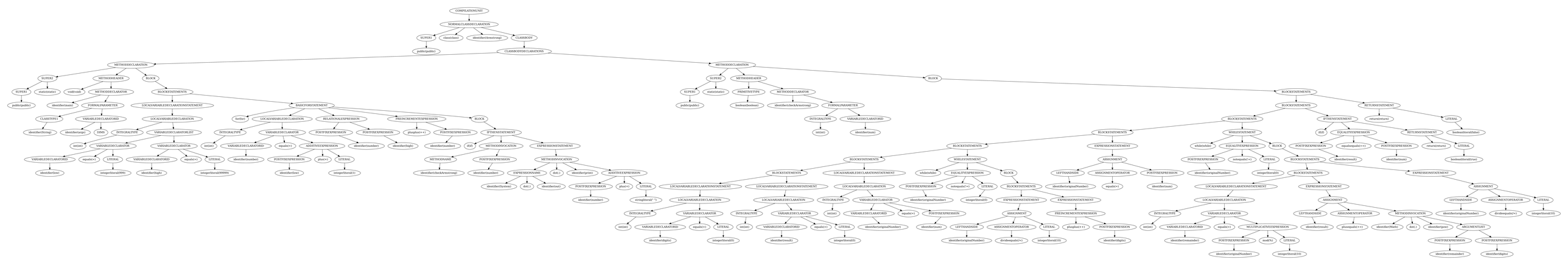

COMPILATIONUNIT
NORMALCLASSDECLARATION
SUPER1
class(class)
identifier(Armstrong)
CLASSBODY
public(public)
CLASSBODYDECLARATIONS
METHODDECLARATION
METHODDECLARATION
SUPER2
METHODHEADER
BLOCK
SUPER2
METHODHEADER
BLOCK
SUPER1
static(static)
void(void)
METHODDECLARATOR
BLOCKSTATEMENTS
SUPER1
static(static)
PRIMITIVETYPE
METHODDECLARATOR
BLOCKSTATEMENTS
public(public)
identifier(main)
FORMALPARAMETER
LOCALVARIABLEDECLARATIONSTATEMENT
BASICFORSTATEMENT
public(public)
boolean(boolean)
identifier(checkArmstrong)
FORMALPARAMETER
BLOCKSTATEMENTS
RETURNSTATEMENT
CLASSTYPE1
VARIABLEDECLARATORID
LOCALVARIABLEDECLARATION
for(for)
LOCALVARIABLEDECLARATION
RELATIONALEXPRESSION
PREINCREMENTEXPRESSION
BLOCK
INTEGRALTYPE
VARIABLEDECLARATORID
BLOCKSTATEMENTS
IFTHENSTATEMENT
return(return)
LITERAL
identifier(String)
identifier(args)
DIMS
INTEGRALTYPE
VARIABLEDECLARATORLIST
INTEGRALTYPE
VARIABLEDECLARATOR
POSTFIXEXPRESSION
POSTFIXEXPRESSION
plusplus(++)
POSTFIXEXPRESSION
IFTHENSTATEMENT
int(int)
identifier(num)
BLOCKSTATEMENTS
WHILESTATEMENT
if(if)
EQUALITYEXPRESSION
RETURNSTATEMENT
booleanliteral(false)
int(int)
VARIABLEDECLARATOR
VARIABLEDECLARATOR
int(int)
VARIABLEDECLARATORID
equals(=)
ADDITIVEEXPRESSION
identifier(number)
identifier(high)
identifier(number)
if(if)
METHODINVOCATION
EXPRESSIONSTATEMENT
BLOCKSTATEMENTS
EXPRESSIONSTATEMENT
while(while)
EQUALITYEXPRESSION
BLOCK
POSTFIXEXPRESSION
equalsequals(==)
POSTFIXEXPRESSION
return(return)
LITERAL
VARIABLEDECLARATORID
equals(=)
LITERAL
VARIABLEDECLARATORID
equals(=)
LITERAL
identifier(number)
POSTFIXEXPRESSION
plus(+)
LITERAL
METHODNAME
POSTFIXEXPRESSION
METHODINVOCATION
BLOCKSTATEMENTS
WHILESTATEMENT
ASSIGNMENT
POSTFIXEXPRESSION
notequals(!=)
LITERAL
BLOCKSTATEMENTS
identifier(result)
identifier(num)
booleanliteral(true)
identifier(low)
integerliteral(999)
identifier(high)
integerliteral(99999)
identifier(low)
integerliteral(1)
identifier(checkArmstrong)
identifier(number)
EXPRESSIONNAME
dot(.)
identifier(print)
ADDITIVEEXPRESSION
BLOCKSTATEMENTS
LOCALVARIABLEDECLARATIONSTATEMENT
while(while)
EQUALITYEXPRESSION
BLOCK
LEFTHANDSIDE
ASSIGNMENTOPERATOR
POSTFIXEXPRESSION
identifier(originalNumber)
integerliteral(0)
BLOCKSTATEMENTS
EXPRESSIONSTATEMENT
identifier(System)
dot(.)
identifier(out)
POSTFIXEXPRESSION
plus(+)
LITERAL
LOCALVARIABLEDECLARATIONSTATEMENT
LOCALVARIABLEDECLARATIONSTATEMENT
LOCALVARIABLEDECLARATION
POSTFIXEXPRESSION
notequals(!=)
LITERAL
BLOCKSTATEMENTS
identifier(originalNumber)
equals(=)
identifier(num)
LOCALVARIABLEDECLARATIONSTATEMENT
EXPRESSIONSTATEMENT
ASSIGNMENT
identifier(number)
stringliteral(" ")
LOCALVARIABLEDECLARATION
LOCALVARIABLEDECLARATION
INTEGRALTYPE
VARIABLEDECLARATOR
identifier(originalNumber)
integerliteral(0)
EXPRESSIONSTATEMENT
EXPRESSIONSTATEMENT
LOCALVARIABLEDECLARATION
ASSIGNMENT
LEFTHANDSIDE
ASSIGNMENTOPERATOR
LITERAL
INTEGRALTYPE
VARIABLEDECLARATOR
INTEGRALTYPE
VARIABLEDECLARATOR
int(int)
VARIABLEDECLARATORID
equals(=)
POSTFIXEXPRESSION
ASSIGNMENT
PREINCREMENTEXPRESSION
INTEGRALTYPE
VARIABLEDECLARATOR
LEFTHANDSIDE
ASSIGNMENTOPERATOR
METHODINVOCATION
identifier(originalNumber)
divideequals(/=)
integerliteral(10)
int(int)
VARIABLEDECLARATORID
equals(=)
LITERAL
int(int)
VARIABLEDECLARATORID
equals(=)
LITERAL
identifier(originalNumber)
identifier(num)
LEFTHANDSIDE
ASSIGNMENTOPERATOR
LITERAL
plusplus(++)
POSTFIXEXPRESSION
int(int)
VARIABLEDECLARATORID
equals(=)
MULTIPLICATIVEEXPRESSION
identifier(result)
plusequals(+=)
identifier(Math)
dot(.)
identifier(pow)
ARGUMENTLIST
identifier(digits)
integerliteral(0)
identifier(result)
integerliteral(0)
identifier(originalNumber)
divideequals(/=)
integerliteral(10)
identifier(digits)
identifier(remainder)
POSTFIXEXPRESSION
mod(%)
LITERAL
POSTFIXEXPRESSION
POSTFIXEXPRESSION
identifier(originalNumber)
integerliteral(10)
identifier(remainder)
identifier(digits)