Failed Test Cases: subImage:

Testing failed with input: "subImage url u {image i image j image k frame f \nu -> i; \nu -> j; \n k <- i-j; k -> f -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.subImage(CodeGenVisitorTestPart2.java:442) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) exprComp: Testing failed with input: "exprComp { integer a a<-2; integer b b<-3; a <- b - a \* (2 / 2 -6) +5%2 + 5/2;} ". Unexpected error happened in source code. Stack Trace: cop5556sp17.TypeCheckVisitor$TypeCheckException: type doesn't match,expression type:nullident type:INTEGER at cop5556sp17.TypeCheckVisitor.visitAssignmentStatement(TypeCheckVisitor.java:295) at cop5556sp17.AST.AssignmentStatement.visit(AssignmentStatement.java:72) at cop5556sp17.TypeCheckVisitor.visitBlock(TypeCheckVisitor.java:164) at cop5556sp17.AST.Block.visit(Block.java:72) at cop5556sp17.TypeCheckVisitor.visitProgram(TypeCheckVisitor.java:285) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:120) at cop5556sp17.CodeGenVisitorTestPart2.exprComp(CodeGenVisitorTestPart2.java:202) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745)

**readFromURLandWriteToFile2**: Testing failed with input: "readFromURLandWriteToFile2 url u, \nfile out \n{image i frame f \nu -> gray -> i;\n i -> f -> show; \n i -> out;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.readFromURLandWriteToFile2(CodeGenVisitorTestPart2.java:320) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) **readFromURLandWriteToFile3**: Testing failed with input: "readFromURLandWriteToFile3 url u, \nfile out \n{\nu -> gray -> out;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.readFromURLandWriteToFile3(CodeGenVisitorTestPart2.java:335) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) **sleepImg**: Testing failed with input: "sleepImg url u {image i frame f \nu -> i -> convolve -> f -> show;sleep 5;integer j j <- 42;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.sleepImg(CodeGenVisitorTestPart2.java:605) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) fibonacci: Testing failed with input: "fibonacci integer n {\n integer result result<-0;\n if(n == 0){\n result<- 0;\n }\n if(n == 1){\n result<- 1;\n }\n if(n > 1){\n integer fib1 fib1<- 0;\n integer fib2 fib2<- 1;\n integer idx idx<- 2;\n while(idx < n){ integer tmp tmp<- fib1 + fib2;\n fib1<- fib2;\n fib2<- tmp;\n idx<- idx + 1;\n }\n result<- fib1+fib2;\n }\n} ". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.fibonacci(CodeGenVisitorTestPart2.java:195) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) **addImage**: Testing failed with input: "addImage url u {image i image j image k frame f \nu -> i; \nu -> j; \n k <- i-j; k -> f -> show; sleep 5; k <- k + i; k -> f -> show; \n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.addImage(CodeGenVisitorTestPart2.java:461) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) booleanComp1: Testing failed with input: "booleanComp1 { boolean x x<- true == false;boolean y y<- true != false;boolean z z<- true | false;z<- x|y;z<- x&y;} ". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitDec(CodeGenVisitor.java:423) at cop5556sp17.AST.Dec.visit(Dec.java:86) at cop5556sp17.CodeGenVisitor.visitBlock(CodeGenVisitor.java:380) at cop5556sp17.AST.Block.visit(Block.java:72) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:166) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.booleanComp1(CodeGenVisitorTestPart2.java:215) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) booleanComp2: Testing failed with input: "booleanComp2 { boolean x x<- true;boolean y y<- false;boolean z z<- true < false;integer a a<- 4;integer b b<- 6;z<- ((a<b) | x) & y;z<- (a<b) | (x & y);} ". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitDec(CodeGenVisitor.java:423) at cop5556sp17.AST.Dec.visit(Dec.java:86) at cop5556sp17.CodeGenVisitor.visitBlock(CodeGenVisitor.java:380) at cop5556sp17.AST.Block.visit(Block.java:72) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:166) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.booleanComp2(CodeGenVisitorTestPart2.java:230) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) **convolveImg**: Testing failed with input: "convolveImg url u {image i frame f \nu -> i -> convolve -> f -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.convolveImg(CodeGenVisitorTestPart2.java:558) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) readFromURLandDisplay: Testing failed with input: "readFromURLandDisplay url u {image i frame f \nu -> i;i -> f -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.readFromURLandDisplay(CodeGenVisitorTestPart2.java:245) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) imgMove2: Testing failed with input: "imgMove2 url u {image i frame f \nu -> i;i -> f -> show; \nsleep 5; \ninteger x \ninteger y \nx <- screenwidth;\ny <- screenheight; \nf -> move (x\*3/4,y/4) -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.imgMove2(CodeGenVisitorTestPart2.java:414) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) subImage2: Testing failed with input: "subImage2 url u {image i image j frame f \nu -> i; \nu -> j; \n i <- i-j; i -> f -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.subImage2(CodeGenVisitorTestPart2.java:476) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) booleanBinaryExpression2: Testing failed with input: "booleanBinaryExpression2 \nboolean b0, boolean b1{ \n boolean b3 boolean b4 b3 <- b0 & b1; b4 <- b0 | b1;}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.booleanBinaryExpression2(CodeGenVisitorTestPart2.java:635) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) booleanBinaryExpression3: Testing failed with input: "booleanBinaryExpression3 \nboolean b0, boolean b1{ \n boolean b3 boolean b4 b3 <- b0 & b1; b4 <- b0 | b1;}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.booleanBinaryExpression3(CodeGenVisitorTestPart2.java:645) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) modImage: Testing failed with input: "modImage url u {image i image j frame f \nu -> j; \n i <- j%128; i -> f -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.modImage(CodeGenVisitorTestPart2.java:505) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) **allTheOps**: Testing failed with input: "allTheOps file u {image i frame f \nu -> i -> gray -> convolve -> blur -> i -> f -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.allTheOps(CodeGenVisitorTestPart2.java:391) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) readFromURLandDisplayDisplay2: Testing failed with input: "readFromURLandDisplayDisplay2 url u {image i frame f \nu -> i -> f -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.readFromURLandDisplayDisplay2(CodeGenVisitorTestPart2.java:427) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) readFromURLandWriteToFile: Testing failed with input: "readFromURLandWriteToFile url u, \nfile out \n{image i frame f \nu -> i;i -> f -> show; \n i -> out;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.readFromURLandWriteToFile(CodeGenVisitorTestPart2.java:280) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) **blurImg**: Testing failed with input: "blurImg url u {image i frame f \nu -> i -> blur -> f -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.blurImg(CodeGenVisitorTestPart2.java:545) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) mod: Testing failed with input: "mod {integer x\n integer y\n integer z\n x <-33; \ny <- 3; \nz <- x%y;\n}". Unexpected error happened in source code. Stack Trace: cop5556sp17.TypeCheckVisitor$TypeCheckException: type doesn't match,expression type:nullident type:INTEGER at cop5556sp17.TypeCheckVisitor.visitAssignmentStatement(TypeCheckVisitor.java:295) at cop5556sp17.AST.AssignmentStatement.visit(AssignmentStatement.java:72) at cop5556sp17.TypeCheckVisitor.visitBlock(TypeCheckVisitor.java:164) at cop5556sp17.AST.Block.visit(Block.java:72) at cop5556sp17.TypeCheckVisitor.visitProgram(TypeCheckVisitor.java:285) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:120) at cop5556sp17.CodeGenVisitorTestPart2.mod(CodeGenVisitorTestPart2.java:161) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) minus: Testing failed with input: "minus {integer x\n integer y\n integer z\n x <-33; \ny <- 3; \nz <- x-y;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitDec(CodeGenVisitor.java:423) at cop5556sp17.AST.Dec.visit(Dec.java:86) at cop5556sp17.CodeGenVisitor.visitBlock(CodeGenVisitor.java:380) at cop5556sp17.AST.Block.visit(Block.java:72) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:166) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.minus(CodeGenVisitorTestPart2.java:168) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) **grayImg**: Testing failed with input: "grayImg url u {image i frame f \nu -> i -> gray -> f -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.grayImg(CodeGenVisitorTestPart2.java:519) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) divImage: Testing failed with input: "divImage url u {image i image j frame f \nu -> j; \n i <- j/2; i -> f -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.divImage(CodeGenVisitorTestPart2.java:490) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) readFromURLandWriteScaledImageToFile: Testing failed with input: "readFromURLandWriteScaledImageToFile url u, \nfile out \n{image i frame f \nu -> scale (3) -> i;i -> f -> show; \n i -> out;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.readFromURLandWriteScaledImageToFile(CodeGenVisitorTestPart2.java:300) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) readFromFile: Testing failed with input: "readFromFile file u {image i frame f \nu -> i;i -> f -> show; \n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.readFromFile(CodeGenVisitorTestPart2.java:376) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) **barArrowGray**: Testing failed with input: "barArrowGray url u {image i frame f \nu -> i |-> gray -> f -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.barArrowGray(CodeGenVisitorTestPart2.java:532) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) assignImage: Testing failed with input: "assignImage url u {image i image j frame f \nu -> i; j <- i;j -> f -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.assignImage(CodeGenVisitorTestPart2.java:260) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) scaleImage: Testing failed with input: "scaleImage url u {image i frame f \nu -> i -> f -> show; frame f2 \ni -> scale (3) -> f2 -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.scaleImage(CodeGenVisitorTestPart2.java:572) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) imgMove: Testing failed with input: "imgMove url u {image i frame f \nu -> i;i -> f -> show; \nsleep 5; \ninteger x \ninteger y \nf -> xloc -> x; \nf -> yloc -> y; \nf -> move (x+100,y-100) -> show;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.imgMove(CodeGenVisitorTestPart2.java:358) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) assignImageAndFrame: Testing failed with input: "assignImageAndFrame url u {image i image i1 frame f frame f1\nu -> i -> f -> show; frame f2 \ni -> scale (3) -> f2 -> show; \n i1 <- i; \n f2 <- f;\n}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.assignImageAndFrame(CodeGenVisitorTestPart2.java:589) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745) booleanBinaryExpression: Testing failed with input: "booleanBinaryExpression \nboolean b0, boolean b1{ \n boolean b3 boolean b4 b3 <- b0 & b1; b4 <- b0 | b1;}". Unexpected error happened in source code. Stack Trace: java.lang.NullPointerException at cop5556sp17.CodeGenVisitor.visitParamDec(CodeGenVisitor.java:604) at cop5556sp17.AST.ParamDec.visit(ParamDec.java:19) at cop5556sp17.CodeGenVisitor.visitProgram(CodeGenVisitor.java:114) at cop5556sp17.AST.Program.visit(Program.java:75) at cop5556sp17.CodeGenVisitorTestPart2.genCodeAndExecute(CodeGenVisitorTestPart2.java:125) at cop5556sp17.CodeGenVisitorTestPart2.booleanBinaryExpression(CodeGenVisitorTestPart2.java:625) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:498) at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50) at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12) at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47) at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17) at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:298) at org.junit.internal.runners.statements.FailOnTimeout$CallableStatement.call(FailOnTimeout.java:292) at java.util.concurrent.FutureTask.run(FutureTask.java:266) at java.lang.Thread.run(Thread.java:745)