LINENUMBER 8 L0 ALOAD 0 ICONST\_0 AALOAD INVOKESTATIC java/lang/Boolean.valueOf (Ljava/lang/String;)Ljava/lang/Boolean; INVOKEVIRTUAL java/lang/Boolean.booleanValue ()Z INVOKESTATIC edu/cmu/cs/mvelezce/taints/Sources.A\_0 (Z)Z ISTORE 1 LINENUMBER 9 L1 ALOAD 0 ICONST 1 AALOAD INVOKESTATIC java/lang/Boolean.valueOf (Ljava/lang/String;)Ljava/lang/Boolean; INVOKEVIRTUAL java/lang/Boolean.booleanValue ()Z INVOKESTATIC edu/cmu/cs/mvelezce/taints/Sources.B\_1 (Z)Z ISTORE 2 LINENUMBER 11 L2 ICONST 1 ISTORE 3 LINENUMBER 12 L3 ICONST\_1 ISTORE 4 LINENUMBER 13 L4 ILOAD 1 LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.0" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V LINENUMBER 14 L6 ICONST\_4 ISTORE 3 FRAME FULL [[Ljava/lang/String; I I I I] [] LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.0" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V LINENUMBER 16 L7 ILOAD 2 LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.1" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V LINENUMBER 17 L9 ICONST\_M1 ISTORE 4 FRAME SAME LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.1" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V LINENUMBER 19 L10 ICONST 0 ISTORE 5 LINENUMBER 20 L11 ICONST\_1 ISTORE 6 FRAME APPEND [I I] ILOAD 6 ILOAD 3 LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.2" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF\_ICMPGTEval (II)V IF\_ICMPGT L13 FRAME SAME LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.2" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V LINENUMBER 21 L14 ILOAD 5 ILOAD 4 IADD LINENUMBER 24 L16 ISTORE 5 ILOAD 1 LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.3" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V LINENUMBER 20 L15 IINC 6 1 GOTO L12 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V IFEQ L17 LINENUMBER 32 L17 LINENUMBER 25 L18 FRAME SAME GETSTATIC java/lang/System.out : Ljava/io/PrintStream; GETSTATIC java/lang/System.out : Ljava/io/PrintStream; ILOAD 5 ILOAD 5 ILOAD 5 ILOAD 5 IMUL **IMUL** LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.4" LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.8" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF\_ICMPNEEval (II)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF\_ICMPNEEval (II)V ICONST\_1 ICONST\_1 FRAME SAME1 java/io/PrintStream ICONST\_0 FRAME SAME1 java/io/PrintStream GOTO  $L\overline{3}0$ GOTO  $L\overline{2}0$ FRAME FULL [[Ljava/lang/String; I I I I I I ] [java/io/PrintStream I]
LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.8"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V FRAME FULL [[Ljava/lang/String; I I I I I I] [java/io/PrintStream I]
LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.4"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V INVOKEVIRTUAL java/io/PrintStream.println (Z)V INVOKEVIRTUAL java/io/PrintStream.println (Ž)V LINENUMBER 33 L31 LINENUMBER 26 L21 ILOAD 2 ILOAD 2 LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.9" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.5" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V IFEQ L22 L22 LINENUMBER 29 L22 LINENUMBER 36 L32 LINENUMBER 34 L33 LINENUMBER 27 L23 FRAME SAME FRAME SAME GETSTATIC java/lang/System.out : Ljava/io/PrintStream; GETSTATIC java/lang/System.out : Ljava/io/PrintStream; GETSTATIC java/lang/System.out : Ljava/io/PrintStream; ILOAD 5 GETSTATIC java/lang/System.out : Ljava/io/PrintStream; ILOAD 5 ILOAD 5 ICONST\_1 BIPUSH -4 ICONST\_1 ICONST\_4 LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.10" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.6" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.7" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.11" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF\_ICMPNEEval (II)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF\_ICMPNEEval (II)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF\_ICMPNEEval (II)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF\_ICMPNEEval (II)V IF\_ICMPNE L34 IF\_ICMPNE L24 IF\_ICMPNE L37 ICONST\_1 ICONST\_1 FRAME SAME1 java/io/PrintStream | ICONST\_0 ICONST\_1 FRAME SAME1 java/io/PrintStream ICONST\_0 FRAME SAME1 java/io/PrintStream ICONST\_0 FRAME SAME1 java/io/PrintStream ICONST\_0 GOTO  $L\overline{3}5$ GOTO  $L\overline{2}8$ GOTO  $L\overline{2}5$ GOTO L38 FRAME FULL [[Ljava/lang/String; I I I I I I ] [java/io/PrintStream I]
LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.10"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
INVOKEVIRTUAL java/io/PrintStream.println (Z)V FRAME FULL [[Ljava/lang/String; I I I I I I ] [java/io/PrintStream I]
LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.7"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
INVOKEVIRTUAL java/io/PrintStream.println (Z)V FRAME FULL [[Ljava/lang/String; I I I I I I ] [java/io/PrintStream I]
LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.6"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V FRAME FULL [[Ljava/lang/String; I I I I I I ] [java/io/PrintStream I]
LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.11"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V INVOKEVIRTUAL java/io/PrintStream.println (Ž)V INVOKEVIRTUAL java/io/PrintStream.println (Z)V GOTO L36 GOTO L26 FRAME SAME LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.5" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V FRAME SAME LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.9" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V LDC "edu/cmu/cs/mvelezce/analysis/For2Example.main([Ljava/lang/String;)V.3" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V LINENUMBER 39 L39 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.saveTrace ()V

entry

L40

exit