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 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 LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V IFEQ L5 LINENUMBER 14 L6 ICONST_4 ISTORE 3 FRAME FULL [[Ljava/lang/String; I I I I] [] LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V LINENUMBER 16 L7 LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)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/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V LINENUMBER 19 L10 ICONST_0 ISTORE 5 LINENUMBER 20 L11 ICONST_1 ISTORE 6 FRAME APPEND [I I] ILOAD 6 LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)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/ForExample.main([Ljava/lang/String;)V" LINENUMBER 21 L14 ILOAD 5 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V ILOAD 4 LINENUMBER 24 L16 IADD ISTORE 5 LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" LINENUMBER 20 L15 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V 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 **IMUL** BIPUSH 16 ICONST 1 LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)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 L19 IF ICMPNE L29 ICONST 1 ICONST 1 FRAME SAME1 java/io/PrintStream FRAME SAME1 java/io/PrintStream $GOTOL\overline{2}0$ GOTO L30 ICONST 0 ICONST_0 FRAME FULL [[Ljava/lang/String; I I I I I I] [java/io/PrintStream I] LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([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/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V INVOKEVIRTUAL java/io/PrintStream.println (Z)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V INVOKEVIRTUAL java/io/PrintStream.println (Z)V LINENUMBER 26 L21 LINENUMBER 33 L31 ILOAD 2 ILOAD 2 LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)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 L32 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; GETSTATIC java/lang/System.out : Ljava/io/PrintStream; ILOAD 5 ICONST_M1 ICONST 1 ICONST_4 LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPNEEval (II)V IF_ICMPNE L34 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPNEEval (II)V IF_ICMPNE L24 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 L37 IF_ICMPNE L27 ICONST 1 ICONST_1 ICONST 1 FRAME SAME1 java/io/PrintStream FRAME SAME1 java/io/PrintStream FRAME SAME1 java/io/PrintStream FRAME SAME1 java/io/PrintStream GOTO L38 GOTO L28 GOTO $L\overline{3}5$ GOTO $L\overline{2}5$ ICONST_0 ICONST 0 ICONST_0 FRAME FULL [[Ljava/lang/String; I I I I I I] [java/io/PrintStream I] LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([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/ForExample.main([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/ForExample.main([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/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V INVOKEVIRTUAL java/io/PrintStream.println (Z)V GOTO L26 INVOKEVIRTUAL java/io/PrintStream.println (Ž)V GOTO L36 INVOKEVIRTUAL java/io/PrintStream.println (Ž)V GOTO L26 INVOKEVIRTUAL java/io/PrintStream.println (Ž)V FRAME SAME LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V FRAME SAME LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V LDC "edu/cmu/cs/mvelezce/analysis/ForExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V LINENUMBER 39 L39 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.saveTrace ()V L40

entry

exit