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 L1 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 L2 LINENUMBER 11 L2 ICONST_1 ISTORE 3 L3 LINENUMBER 12 L3 ICONST_1 ISTORE 4 L4 LINENUMBER 13 L4 ILOAD 1 DUP LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V.0" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V IFEQ L5 L6 LINENUMBER 14 L6 ICONST 0 ISTORE 4 FRAME FULL [[Ljava/lang/String; I I I I] [] LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.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 3 ILOAD 4 **IMUL** ICONST_3 LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V.1" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPGEEval (IILjava/lang/String;)V IF_ICMPGE L8 L9 LINENUMBER 17 L9 ILOAD 3 ICONST_1 **IADD** ISTORE 3 L8 FRAME SAME LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.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 ILOAD 4 ICONST_1 DUP2 LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V.2" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPNEEval (IILjava/lang/String;)V IF_ICMPNE L11 L12 LINENUMBER 20 L12 ICONST_M1 ISTORE 3 L11 FRAME SAME LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V.2" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V LINENUMBER 22 L13 ILOAD 2 DUP LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V.3" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V IFEQ L14 L15 LINENUMBER 23 L15 ICONST_0 ISTORE 3 L14 FRAME SAME LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V.3" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V L16 LINENUMBER 25 L16 FRAME SAME ILOAD 3 DUP LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V.4" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFLEEval (ILjava/lang/String;)V IFLE L17 L17 FRAME SAME LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V.4" L18 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V LINENUMBER 26 L18 ILOAD 3 LINENUMBER 29 L19 ICONST_1 GETSTATIC java/lang/System.out : Ljava/io/PrintStream; **ISUB** ILOAD 3 ISTORE 3 GOTO L16 LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V.5" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFNEEval (ILjava/lang/String;)V IFNE L20 ICONST_1 FRAME SAME1 java/io/PrintStream GOTO $L\overline{2}1$ ICONST_0 FRAME FULL [[Ljava/lang/String; I I I I] [java/io/PrintStream I] LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V.5" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V INVOKEVIRTUAL java/io/PrintStream.println (Ž)V LINENUMBER 30 L22 LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitAtReturn (Ljava/lang/String;)V INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.saveTrace ()V RETURN L23

entry