```
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
                                                                    LINENUMBER 10 L2
                                                                    ALOAD 0
                                                                    ICONST_2
                                                                    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.C 2 (Z)Z
                                                                    ISTORE 3
                                                                    LINENUMBER 11 L3
                                                                    ALOAD 0
                                                                    ICONST_3
                                                                    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.D_3 (Z)Z
                                                                    ISTORE 4
                                                                    LINENUMBER 13 L4
                                                                    ILOAD 1
                                                                    LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.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
                                   ILOAD 4
                                   INVOKESTATIC edu/cmu/cs/mvelezce/analysis/SimpleExample2.moo (Z)V
                                   LINENUMBER 15 L7
                                   ILOAD 3
                                   DUP
                                   LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.1"
                                   INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
                                   IFEQ L8
ILOAD 4
DUP
LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.2"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
IFEQ L8
                                                                      L8
                                                      ICONST_1
                                                                      FRAME FULL [[Ljava/lang/String; I I I I] []
                                                      GOTO L9
                                                                      ICONST_0
   L9
   FRAME SAME1 I
   LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.2" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
   LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.1"
   INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
   INVOKESTATIC edu/cmu/cs/mvelezce/analysis/SimpleExample2.moo (Z)V
   L10
   LINENUMBER 16 L10
   ILOAD 3
   INVOKESTATIC edu/cmu/cs/mvelezce/analysis/SimpleExample2.moo (Z)V
   LINENUMBER 17 L11
   ILOAD 3
   DUP
   LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.3" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFNEEval (ILjava/lang/String;)V
   IFNE L12
                                   ILOAD 4
                                   DUP
                                   LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.4"
                                   INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
                                   IFEQ L13
                                                                   L12
                                                                                        L13
                                                                   FRAME SAME
                                                                                        FRAME SAME
                                                                   ICONST_1
                                                                                        ICONST_0
                                                                   GOTO L<sub>1</sub>4
                                    L14
                                    FRAME SAME1 I
                                    LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.4" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                    LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.3"
                                    INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                    INVOKESTATIC edu/cmu/cs/mvelezce/analysis/SimpleExample2.moo (Z)V
                                                                    L5
                                                                    FRAME SAME
                                                                    LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.0"
                                                                    INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                                                    LINENUMBER 20 L15
                                                                    ILOAD 2
                                                                    DUP
                                                                    LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.5"
                                                                    INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
                                                                    IFEQ L16
                                   L17
                                    LINENUMBER 21 L17
                                    ILOAD 3
                                    INVOKESTATIC edu/cmu/cs/mvelezce/analysis/SimpleExample2.moo (Z)V
                                   LINENUMBER 22 L18
                                    ILOAD 4
                                   INVOKESTATIC edu/cmu/cs/mvelezce/analysis/SimpleExample2.moo (Z)V
                                   LINENUMBER 23 L19
                                   ILOAD 3
                                    DUP
                                    LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.6"
                                    INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
                                    IFEQ L20
                                    ILOAD 4
                                    DUP
                                    LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.7"
                                    INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
                                    IFEQ L20
                                                                      L20
                                                                                          ICONST_1
                                                                      FRAME SAME
                                                                                          GOTO L21
                                                                      ICONST_0
                          L21
                          FRAME SAME1 I
                          LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.7"
                          INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                          LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.6"
                          INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                          INVOKESTATIC edu/cmu/cs/mvelezce/analysis/SimpleExample2.moo (Z)V
                          LINENUMBER 24 L22
                          ILOAD 3
                          DUP
                          LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.8"
                          INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFNEEval (ILjava/lang/String;)V
                          IFNE L23
                       ILOAD 4
                       DUP
                       LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.9"
                       INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
                       IFEQ L24
                                                                                               L23
                                                                           L24
                                                                                               FRAME SAME
                                                                           FRAME SAME
                                                                                               ICONST_1
                                                                           ICONST_0
                                                                                               GOTO L25
                                     L25
                                     FRAME SAME1 I
                                     LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.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/SimpleExample2.main([Ljava/lang/String;)V.8"
                                     INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                     INVOKESTATIC edu/cmu/cs/mvelezce/analysis/SimpleExample2.moo (Z)V
                                                                     L16
                                                                     FRAME SAME
                                                                     LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V.5"
                                                                     INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                                                     L26
                                                                     LINENUMBER 26 L26
                                                                     LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V"
                                                                     INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitAtReturn (Ljava/lang/String;)V
```

entry

exit

INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.saveTrace ()V

**RETURN** 

L27