```
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
L4
LINENUMBER 13 L4
ILOAD 1
LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.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
                                L6
                                LINENUMBER 14 L6
                                ILOAD 4
                                INVOKESTATIC edu/cmu/cs/mvelezce/analysis/SimpleExample2.moo (Z)V
                                LINENUMBER 15 L7
                                ILOAD 3
                                LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V"
                                BIPUSH 1
                                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 L8
                                                                    ILOAD 4
                                                                    LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.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 L8
                                                                                                                          ICONST_1
                                                                            FRAME FULL [[Ljava/lang/String; I I I I] []
                                                                                                                          GOTO L9
                                                                            ICONST_0
                                                     FRAME SAME1 I
                                                     LDC~"edu/cmu/cs/mvelezce/analysis/SimpleExample2.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/SimpleExample2.main([Ljava/lang/String;)V"
                                                     BIPUSH 1
                                                     INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)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
                                                     LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V"
                                                     BIPUSH 3
                                                     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.logIFNEEval (I)V
                                                     IFNE L12
                                ILOAD 4
                                LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.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 L13
                                                                                                        L12
                                                                                    L13
                                                                                                        FRAME SAME
                                                                                    FRAME SAME
                                                                                                        ICONST_1
                                                                                    ICONST_0
                                                                                                        GOTO L14
                                 L14
                                 FRAME SAME1 I
                                 LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.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/SimpleExample2.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/analysis/SimpleExample2.moo (Z)V
L5
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V"
BIPUSH 0
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
LINENUMBER 20 L15
ILOAD 2
LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.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 L16
                                L17
                                LINENUMBER 21 L17
                                ILOAD 3
                                INVOKESTATIC edu/cmu/cs/mvelezce/analysis/SimpleExample2.moo (Z)V
                                L18
                                LINENUMBER 22 L18
                                INVOKESTATIC edu/cmu/cs/mvelezce/analysis/SimpleExample2.moo (Z)V
                                L19
                                LINENUMBER 23 L19
                                ILOAD 3
                                LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.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 L20
                                          ILOAD 4
                                          LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V"
                                          BIPUSH 7
                                          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 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"
                                     BIPUSH 7
                                     INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                     LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.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/analysis/SimpleExample2.moo (Z)V
                                     LINENUMBER 24 L22
                                     ILOAD 3
                                     LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.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.logIFNEEval (I)V
                                     IFNE L23
                                            ILOAD 4
                                            LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.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 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"
                                INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V LDC "edu/cmu/cs/mvelezce/analysis/SimpleExample2.main([Ljava/lang/String;)V"
                                BIPUSH 8
                                INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)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"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
L26
LINENUMBER 26 L26
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.saveTrace ()V
RETURN
```

entry

exit

L27