```
LINENUMBER 12 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 13 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 14 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
                                L3
                                LINENUMBER 16 L3
                                ICONST 0
                                ISTORE 4
                                L4
                                LINENUMBER 17 L4
                                ICONST_0
                                ISTORE 5
                                L5
                                LINENUMBER 19 L5
                                ILOAD 3
                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                BIPUSH 0
                                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 L6
                                                                                        L7
                                                                                        LINENUMBER 20 L7
                                                                                        BIPUSH 10
                                                                                        ISTORE 5
                                L6
                                FRAME FULL [[Ljava/lang/String; I I I I I] []
                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.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 23 L8
                                ICONST_5
                                ISTORE 6
                                L9
                                LINENUMBER 25 L9
                                ILOAD 1
                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                BIPUSH 1
                                INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V
                                DUP
                                INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V
                                IFEQ L10
                                                                                       L11
                                                                                        LINENUMBER 26 L11
                                                                                        IINC 62
                                L10
                                FRAME APPEND [I]
                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                BIPUSH 1
                                INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                L12
                                LINENUMBER 29 L12
                                ILOAD 3
                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                BIPUSH 2
                                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
                                                                       L14
                                                                       LINENUMBER 30 L14
                                                                       ILOAD 6
                                                                       ILOAD 5
                                                                       ISUB
                                                                       ISTORE 6
                                L13
                                FRAME SAME
                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                L15
                                LINENUMBER 33 L15
                                ILOAD 3
                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.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 34 L17
                                                                GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                                                ILOAD 6
                                                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                                                BIPUSH 4
                                                                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.logIFGEEval (I)V
                                                                IFGE L18
                                                                                                                       L18
                                                                                                       ICONST_1
                                                                                                                       FRAME SAME1 java/io/PrintStream
                                                                                                       GOTO L<sub>1</sub>9
                                                                                                                       ICONST_0
                                                                L19
                                                                FRAME FULL [[Ljava/lang/String; I I I I I I] [java/io/PrintStream I]
                                                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.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
                               L16
                               FRAME SAME
                               LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                               INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                               L20
                               LINENUMBER 37 L20
                               ILOAD 2
                               LDC "edu/cmu/cs/mvelezce/analysis/Example7.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 L21
                                                                       LINENUMBER 38 L22
                                                                       ILOAD 6
                                                                       ISTORE 4
                                L21
                               FRAME SAME
                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                               LINENUMBER 41 L23
                               ILOAD 3
                               LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                               BIPUSH 6
                               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
LINENUMBER 42 L25
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
ILOAD 6
LDC "edu/cmu/cs/mvelezce/analysis/Example7.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.logIFGEEval (I)V
IFGE L26
                                                       L26
                                        ICONST_1
                                                       FRAME SAME1 java/io/PrintStream
                                        GOTO L\overline{2}7
                                                       ICONST_0
 FRAME FULL [[Ljava/lang/String; I I I I I I] [java/io/PrintStream I]
 LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
 BIPUSH 7
 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
 INVOKEVIRTUAL java/io/PrintStream.println (Ž)V
                                 L24
                                 FRAME SAME
                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                LINENUMBER 44 L28
                                INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.saveTrace ()V
                                 RETURN
                                L29
```

entry

exit

L27