```
L0
                               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
                               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
                               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
                                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>19</sub>
                                                       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"
 BIPUSH 4
 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
                                                                L25
                                                                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
                                                                L27
                                                                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 (Z)V
                                L24
                                FRAME SAME
                                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.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