```
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
L3
LINENUMBER 16 L3
ICONST<sub>0</sub>
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
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"
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.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 L19
                                                                                       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
                                                       L22
                                                       LINENUMBER 38 L22
                                                       ILOAD 6
                                                       ISTORE 4
L21
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
BIPUSH 5
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 (Ž)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
```

entry

exit

L29