```
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"
                                                        INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
                                                        IFEQ L6
                                                                                                                                L7
                                                                                                                                LINENUMBER 20 L7
                                                                                                                                BIPUSH 10
                                                                                                                                ISTORE 5
                                                        FRAME FULL [[Ljava/lang/String; I I I I I] []
                                                        LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                                        INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.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"
                                                        INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
                                                        IFEQ L10
                                                                                                                               L11
                                                                                                                               LINENUMBER 26 L11
                                                                                                                               IINC 6 2
                                                        L10
                                                        FRAME APPEND [I]
                                                        LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                                        INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
                                                        L12
                                                        LINENUMBER 29 L12
                                                        ILOAD 3
                                                        LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                                        INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;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"
                                                        BIPUSH 2
                                                        INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.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/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
                                                        IFEQ L16
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/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
IFGE L18
                                                                                                  L18
                                                                       ICONST_1
                                                                                                  FRAME SAME1 java/io/PrintStream
                                                                       GOTO L19
                                                                                                  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"
  INVOKESTATIC\ edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision\ (Ljava/lang/String;I)Velezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision\ (Ljava/lang/String)
  INVOKEVIRTUAL java/io/PrintStream.println (Z)V
                                                         L16
                                                         FRAME SAME
                                                         LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                                         BIPUSH 3
                                                         INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.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/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
                                                         IFEQ L21
                                                                                                                               LINENUMBER 38 L22
                                                                                                                               ILOAD 6
                                                                                                                               ISTORE 4
                                                         L21
                                                         FRAME SAME
                                                         LDC \ "edu/cmu/cs/mvelezce/analysis/Example 7.main ([Ljava/lang/String;) V") \\
                                                         BIPUSH 5
                                                         INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
                                                         LINENUMBER 41 L23
                                                         ILOAD 3
                                                         LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                                         INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;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"
                                                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;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"
                                                                                                                  INVOKESTATIC\ edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision\ (Ljava/lang/String;I)Value and the contraction of the contrac
                                                                                                                  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/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
                                                         L28
                                                         LINENUMBER 44 L28
                                                         RETURN
                                                         L29
```

exit

entry