```
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
                                           DUP
                                           LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.0"
                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)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.0"
                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                           LINENUMBER 23 L8
                                           ICONST_5
                                           ISTORE 6
                                           LINENUMBER 25 L9
                                           ILOAD 1
                                           DUP
                                           LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.1"
                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
                                           IFEO L10
                                                                                                                       L11
                                                                                                                       LINENUMBER 26 L11
                                                                                                                       IINC 6 2
                                           L10
                                           FRAME APPEND [I]
                                           LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.1"
                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                           LINENUMBER 29 L12
                                           ILOAD 3
                                           DUP
                                           LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.2"
                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)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.2"
                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                           L15
                                           LINENUMBER 33 L15
                                           ILOAD 3
                                           DUP
                                           LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.3"
                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
                                           IFEQ L16
L17
LINENUMBER 34 L17
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
ILOAD 6
DUP
LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.4"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFGEEval (ILjava/lang/String;)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.4"
 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
 INVOKEVIRTUAL java/io/PrintStream.println (Ž)V
                                            L16
                                            FRAME SAME
                                           LDC \ "edu/cmu/cs/mvelezce/analysis/Example 7.main ([Ljava/lang/String;) V.3") and the continuous continuous
                                            INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                           LINENUMBER 37 L20
                                            ILOAD 2
                                            DUP
                                           LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.5"
                                            INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)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.5"
                                            INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                           LINENUMBER 41 L23
                                            ILOAD 3
                                            DUP
                                           LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.6"
                                            INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
                                            IFEQ L24
LINENUMBER 42 L25
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
ILOAD 6
DUP
LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.7"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFGEEval (ILjava/lang/String;)V
IFGE L26
                                       L26
                                                                                           ICONST_1
                                       FRAME SAME1 java/io/PrintStream
                                                                                           GOTO L27
                                       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.7"
  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
  INVOKEVIRTUAL java/io/PrintStream.println (Ž)V
                                             L24
                                             FRAME SAME
                                             LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.6"
                                             INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                             L28
                                             LINENUMBER 44 L28
                                             LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V"
                                             INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitAtReturn (Ljava/lang/String;)V
                                             INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.saveTrace ()V
                                             RETURN
```

entry

exit

L29