```
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 L\overline{19}
                                                         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)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/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)V
                                                                  INVOKEVIRTUAL java/io/PrintStream.println (Z)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
                                 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.saveTrace ()V
                                 RETURN
                                 L29
```

entry

exit