```
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 0
                      ISTORE 4
                      L4
                      LINENUMBER 17 L4
                      ICONST_0
                      ISTORE 5
                      L5
                      LINENUMBER 19 L5
                      ILOAD 3
                      GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                      LDC "Entering edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.0"
                      INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                      IFEQ L6
                                           L7
                                           LINENUMBER 20 L7
                                           BIPUSH 10
                                           ISTORE 5
                      FRAME FULL [[Ljava/lang/String; I I I I I] []
                      GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                      LDC "Exiting edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.0"
                      INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                      LINENUMBER 23 L8
                      ICONST_5
                      ISTORE 6
                      L9
                      LINENUMBER 25 L9
                      ILOAD 1
                      GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                      LDC "Entering edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.1"
                      INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                      IFEQ L10
                                          L11
                                          LINENUMBER 26 L11
                                          IINC 6 2
                      L10
                      FRAME APPEND [I]
                      GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                      LDC "Exiting edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.1"
                      INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                      L12
                      LINENUMBER 29 L12
                      ILOAD 3
                      GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                      LDC "Entering edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.2"
                      INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                      IFEQ L13
                                          L14
                                          LINENUMBER 30 L14
                                          ILOAD 6
                                          ILOAD 5
                                          ISUB
                                          ISTORE 6
                      L13
                      FRAME SAME
                      GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                      LDC "Exiting edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.2"
                      INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                      L15
                      LINENUMBER 33 L15
                      ILOAD 3
                      GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                      LDC "Entering edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.3"
                      INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                      IFEQ L16
L17
LINENUMBER 34 L17
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
ILOAD 6
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Entering edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.4"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)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]
 GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
 LDC "Exiting edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.4"
 INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
 INVOKEVIRTUAL java/io/PrintStream.println (Z)V
                      L16
                      FRAME SAME
                      GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                      LDC "Exiting edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.3"
                      INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                      L20
                      LINENUMBER 37 L20
                      ILOAD 2
                      GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                      LDC "Entering edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.5"
                      INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                      IFEQ L21
                                          L22
                                          LINENUMBER 38 L22
                                          ILOAD 6
                                          ISTORE 4
                      L21
                      FRAME SAME
                      GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                      LDC "Exiting edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.5"
                      INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                      L23
                      LINENUMBER 41 L23
                      ILOAD 3
                      GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                      LDC "Entering edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.6"
                      INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                      IFEQ L24
L25
LINENUMBER 42 L25
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
ILOAD 6
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Entering edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.7"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/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]
 GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
 LDC "Exiting edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.7"
 INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
 INVOKEVIRTUAL java/io/PrintStream.println (Z)V
                       L24
                       FRAME SAME
                       GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                       LDC "Exiting edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.6"
                       INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                       L28
```

entry

exit

LINENUMBER 44 L28

**RETURN** 

L29