```
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 "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
                                                                LINENUMBER 23 L6
                                                                FRAME FULL [[Ljava/lang/String; I I I I I] []
                                                                ICONST_5
                                                                ISTORE 6
                                                                L8
                                                                LINENUMBER 25 L8
                                                                ILOAD 1
                                                                GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.1"
                                                                INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                                                                IFEQ L9
                                                                               L10
                                                                               LINENUMBER 26 L10
                                                                               IINC 6 2
                                                                L9
                                                                LINENUMBER 29 L9
                                                                FRAME APPEND [I]
                                                                ILOAD 3
                                                                GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.2"
                                                                INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                                                                IFEQ L11
                                                                                                L12
                                                                                                LINENUMBER 30 L12
                                                                                                ILOAD 6
                                                                                                ILOAD 5
                                                                                                ISUB
                                                                                                ISTORE 6
                                                                L11
                                                                LINENUMBER 33 L11
                                                                FRAME SAME
                                                                ILOAD 3
                                                                GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                                                LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.3"
                                                                INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                                                                IFEQ L13
                                            L14
                                            LINENUMBER 34 L14
                                            GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                            ILOAD 6
                                            GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                            LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.4"
                                            INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                                            IFGE L15
ICONST_1
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                                                         L15
LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.5"
                                                                         FRAME SAME1 java/io/PrintStream
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                                                                         ICONST_0
GOTO L16
                                                     L16
                                                     FRAME FULL [[Ljava/lang/String; I I I I I I] [java/io/PrintStream I]
                                                     INVOKEVIRTUAL java/io/PrintStream.println (Z)V
                                                                  L13
                                                                  LINENUMBER 37 L13
                                                                  FRAME SAME
                                                                  ILOAD 2
                                                                  GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                                                  LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.6"
                                                                  INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                                                                  IFEQ L17
                                                                                  L18
                                                                                  LINENUMBER 38 L18
                                                                                  ILOAD 6
                                                                                  ISTORE 4
                                                                  L17
                                                                  LINENUMBER 41 L17
                                                                  FRAME SAME
                                                                  ILOAD 3
                                                                  GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                                                  LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.7"
                                                                  INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                                                                  IFEQ L19
                                              L20
                                              LINENUMBER 42 L20
                                              GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                              ILOAD 6
                                              GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                              LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.8"
                                              INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                                              IFGE L21
  ICONST_1
  GETSTATIC\ java/lang/System.out: Ljava/io/PrintStream;
                                                                           L21
  LDC "edu/cmu/cs/mvelezce/analysis/Example7.main([Ljava/lang/String;)V.9"
                                                                           FRAME SAME1 java/io/PrintStream
  INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                                                                           ICONST_0
  GOTO L22
                                                       FRAME FULL [[Ljava/lang/String; I I I I I I] [java/io/PrintStream I]
                                                       INVOKEVIRTUAL java/io/PrintStream.println (Z)V
                                                                                            L19
                                                                                            LINENUMBER 44 L19
                                                                                            FRAME SAME
                                                                                            RETURN
                                                                                            L23
```

exit

entry