```
LINENUMBER 8 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 9 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 10 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 14 L3
                                                                    ILOAD 1
                                                                   LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V"
                                                                   BIPUSH 0
                                                                   INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
                                                                   IFEQ L4
                                                                                                                                 L4
                                                                                                       LINENUMBER 15 L5
                                                                                                                                 LINENUMBER 18 L4
                                                                                                       ICONST_1
                                                                                                                                 FRAME APPEND [I I I]
                                                                                                       ISTORE 4
                                                                                                                                 ICONST_2
                                                                                                       L6
                                                                                                                                 ISTORE 4
                                                                                                       GOTO L7
                                                                   FRAME APPEND [I]
                                                                   LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V"
                                                                   BIPUSH 0
                                                                   INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
                                                                   LINENUMBER 21 L8
                                                                   ILOAD 4
                                                                   INVOKESTATIC edu/cmu/cs/mvelezce/analysis/Example9.foo (I)V
                                                                   LINENUMBER 23 L9
                                                                    ILOAD 1
                                                                    LDC "edu/cmu/cs/mvelezce/analysis/Example9.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 24 L11
                                                                                                    ILOAD 2
                                                                                                    LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V"
                                                                                                    BIPUSH 2
                                                                                                    INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
                                                                                                    IFEQ L12
                                                                                                                                                                 L13
                                                                                                                                                                 LINENUMBER 25 L13
                                                                                                                                      LINENUMBER 28 L12
                                                                                                                                                                 ICONST_3
ISTORE 4
                                                                                                                                       FRAME SAME
                                                                                                                                       ICONST_4
                                                                                                                                      ISTORE 4
                                                                                                                                                                 GOTO L14
                                                                                                    L14
                                                                                                    FRAME SAME
                                                                                                    LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V"
                                                                                                    INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
                                                                                                    LINENUMBER 31 L15
                                                                                                    ILOAD 4
                                                                                                    INVOKESTATIC edu/cmu/cs/mvelezce/analysis/Example9.foo (I)V
                                                                   L10
                                                                   FRAME SAME
                                                                   LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V"
                                                                   INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
                                                                   L16
                                                                   LINENUMBER 34 L16
                                                                   ILOAD 1
                                                                   LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V"
                                                                   INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
                                                                   IFNE L17
                                   ILOAD 2
                                   LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V"
                                   INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
                                   IFNE L18
LINENUMBER 35 L19 ILOAD 3
LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
IFEQ L20
                                                              L20
                                                              LINENUMBER 39 L20 FRAME SAME
                                   LINENUMBER 36 L21
                                   ICONST_5
ISTORE 4
                                                              BIPUSH 6
ISTORE 4
                                   GOTO L22
 FRAME SAME
 LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V"
 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
 LINENUMBER 42 L23
 ILOAD 4
 INVOKESTATIC edu/cmu/cs/mvelezce/analysis/Example9.foo (I)V
                                    L18
                                    FRAME SAME
                                    LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V"
                                    INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
                                                                    L17
                                                                    FRAME SAME
                                                                    LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V"
                                                                    BIPUSH 3
                                                                    INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
                                                                    LINENUMBER 44 L24
                                                                    INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.saveTrace ()V
                                                                    RETURN
                                                                    L25
```

entry

exit