```
entry

L0
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
L3
LINENUMBER 14 L3
ILOAD 1
DUP
LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V.0"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
IFEQ L4

L5
LINENUMBER 15 L5
ICONST_1
ISTORE 4
L6
GOTO L7

L4
LINENUMBER 17 L4
FRAME APPEND [I I I]
ICONST_2
ISTORE 4

L7
FRAME APPEND [I]
LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V.0"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L8
LINENUMBER 20 L8
ILOAD 4
INVOKESTATIC edu/cmu/cs/mvelezce/analysis/Example9.foo (I)V
L9
LINENUMBER 22 L9
ILOAD 1
DUP
LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V.1"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
IFEQ L10

L11
LINENUMBER 23 L11
ILOAD 2
DUP
LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V.2"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
IFEQ L12

L13
LINENUMBER 24 L13
ICONST_3
ISTORE 4
GOTO L14

L12
LINENUMBER 26 L12
FRAME SAME
ICONST_4
ISTORE 4

L14
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V.2"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L15
LINENUMBER 29 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.1"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L16
LINENUMBER 32 L16
ILOAD 1
DUP
LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V.3"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFNEEval (ILjava/lang/String;)V
IFNE L17

ILOAD 2
DUP
LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V.4"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFNEEval (ILjava/lang/String;)V
IFNE L18

L19
LINENUMBER 33 L19
ILOAD 3
DUP
LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V.5"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (ILjava/lang/String;)V
IFEQ L20

L20
LINENUMBER 36 L20
FRAME SAME
BIPUSH 6
ISTORE 4

L21
LINENUMBER 34 L21
ICONST_5
ISTORE 4
GOTO L22

L22
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V.5"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L23
LINENUMBER 39 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.4"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V

L17
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V.3"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L24
LINENUMBER 41 L24
LDC "edu/cmu/cs/mvelezce/analysis/Example9.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
L25

exit
```