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

```
L11
LINENUMBER 23 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/SubtracesLogger.enterDecision (Ljava/lang/String;I)V
DUP
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V
IFEQ L12
```

```
L12
LINENUMBER 26 L12
FRAME SAME
ICONST_4
ISTORE 4
```

```
L13
LINENUMBER 24 L13
ICONST_3
ISTORE 4
GOTO L14
```

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

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

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

```
L21
LINENUMBER 34 L21
ICONST_5
ISTORE 4
GOTO L22
```

```
L20
LINENUMBER 36 L20
FRAME SAME
BIPUSH 6
ISTORE 4
```

```
L22
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/Example9.main([Ljava/lang/String;)V"
BIPUSH 5
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)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"
BIPUSH 4
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.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/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
L24
LINENUMBER 41 L24
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.saveTrace ()V
RETURN
L25
```

```
exit
```