```
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 11 L2
ICONST_1
ISTORE 3
L3
LINENUMBER 12 L3
ICONST_1
ISTORE 4
L4
LINENUMBER 13 L4
ILOAD 1
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.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 L5
```

```
L6
LINENUMBER 14 L6
ICONST_0
ISTORE 4
```

```
L5
FRAME FULL [[Ljava/lang/String; I I I I] []
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
BIPUSH 0
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
L7
LINENUMBER 16 L7
ILOAD 3
ILOAD 4
IMUL
ICONST_3
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
BIPUSH 1
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V
DUP2
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPGEEval (II)V
IF_ICMPGE L8
```

```
L9
LINENUMBER 17 L9
ILOAD 3
ICONST_1
IADD
ISTORE 3
```

```
L8
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
BIPUSH 1
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
L10
LINENUMBER 19 L10
ILOAD 4
ICONST_1
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
BIPUSH 2
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V
DUP2
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPNEEval (II)V
IF_ICMPNE L11
```

```
L12
LINENUMBER 20 L12
ICONST_M1
ISTORE 3
```

```
L11
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
BIPUSH 2
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
L13
LINENUMBER 22 L13
ILOAD 2
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.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.logIFEQEval (I)V
IFEQ L14
```

```
L15
LINENUMBER 23 L15
ICONST_0
ISTORE 3
```

```
L14
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
BIPUSH 3
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
```

```
L16
LINENUMBER 25 L16
FRAME SAME
ILOAD 3
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.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.logIFLEEval (I)V
IFLE L17
```

```
L17
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
BIPUSH 4
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
L19
LINENUMBER 29 L19
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
ILOAD 3
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.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.logIFNEEval (I)V
IFNE L20
```

```
L18
LINENUMBER 26 L18
ILOAD 3
ICONST_1
ISUB
ISTORE 3
GOTO L16
```

```
L20
FRAME SAME1 java/io/PrintStream
ICONST_0
```

```
ICONST_1
GOTO L21
```

```
L21
FRAME FULL [[Ljava/lang/String; I I I I] [java/io/PrintStream I]
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
BIPUSH 5
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
INVOKEVIRTUAL java/io/PrintStream.println (Z)V
L22
LINENUMBER 30 L22
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.saveTrace ()V
RETURN
L23
```

```
exit
```