```
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
                                                                         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
                                                                         INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V
                                                                         IFEQ L5
                                                                                                                                L6
                                                                                                                                LINENUMBER 14 L6
                                                                                                                                ICONST_0
                                                                                                                                ISTORE 4
                                                                         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
                                                                         LINENUMBER 16 L7
                                                                         ILOAD 3
                                                                         ILOAD 4
                                                                         IMUL
                                                                         LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
                                                                         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"
                                                                         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
                                                                         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"
                                                                         INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V
                                                                         INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V
                                                                         IFEQ L14
                                                                                                                L15
                                                                                                                LINENUMBER 23 L15
                                                                                                                ISTORE 3
                                                                          L14
                                                                          FRAME SAME
                                                                          LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
                                                                          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"
                                                                         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
                                                                                                                        L18
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                                                                                                        LINENUMBER 26 L18
LINENUMBER 29 L19
                                                                                                                        ILOAD 3
                                                                                                                       ICONST_1
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
ILOAD 3
                                                                                                                        ISUB
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
                                                                                                                        ISTORE 3
BIPUSH 5
                                                                                                                        GOTO L16
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFNEEval (I)V
IFNE L20
                                                      L20
                                       ICONST_1
                                                      FRAME SAME1 java/io/PrintStream
                                       GOTO L21
                                                      ICONST_0
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 (Ž)V
LINENUMBER 30 L22
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.saveTrace ()V
RETURN
L23
                                                       exit
```

entry