```
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
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
LINENUMBER 11 L2
ICONST_1
ISTORE 3
LINENUMBER 12 L3
ICONST_1
ISTORE 4
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/SubtracesLogging.enterDecision (Ljava/lang/String;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/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
LINENUMBER 16 L7
ILOAD 3
ILOAD 4
IMUL
ICONST 3
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
INVOKESTATIC\ edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision\ (Ljava/lang/String;I) Value and the properties of t
IF ICMPGE L8
                                                                                      L9
                                                                                      LINENUMBER 17 L9
                                                                                      ILOAD 3
                                                                                      ICONST_1
                                                                                      IADD
                                                                                      ISTORE 3
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
LINENUMBER 19 L10
ILOAD 4
ICONST_1
LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;I)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/SubtracesLogging.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/SubtracesLogging.enterDecision (Ljava/lang/String;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"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.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/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
IFLE L17
                                                                                                                  L17
                                                                                                                  FRAME SAME
                                                                                                                  LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
                                                                         L18
                                                                                                                  BIPUSH 4
                                                                         LINENUMBER 26 L18
                                                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
                                                                         ILOAD 3
                                                                                                                  L19
                                                                         ICONST_1
                                                                                                                  LINENUMBER 29 L19
                                                                                                                  GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                                                         ISUB
                                                                         ISTORE 3
                                                                                                                  ILOAD 3
                                                                                                                  LDC "edu/cmu/cs/mvelezce/analysis/ProjectExample.main([Ljava/lang/String;)V"
                                                                         GOTO L16
                                                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
                                                                                                                  IFNE L20
                                                                                                                                                              L20
                                                                                                                                                                                                                         ICONST_1
                                                                                                                                                             FRAME SAME1 java/io/PrintStream
                                                                                                                                                                                                                         GOTO L\overline{2}1
                                                                                                                                                              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/SubtracesLogging.exitDecision\ (Ljava/lang/String;I)VINVOKEVIRTUAL\ java/io/PrintStream.println\ (Z)V
                                                                                                                  L22
                                                                                                                  LINENUMBER 30 L22
                                                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.saveTrace ()V
                                                                                                                  RETURN
                                                                                                                  L23
```

exit

entry