```
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 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
                                                                                                                                                           LINENUMBER 11 L3
                                                                                                                                                           ALOAD 0
                                                                                                                                                           ICONST_3
                                                                                                                                                           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.D_3 (Z)Z
                                                                                                                                                           ISTORE 4
                                                                                                                                                           LINENUMBER 12 L4
                                                                                                                                                           ALOAD 0
                                                                                                                                                           ICONST_4
                                                                                                                                                           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.E_4 (Z)Z
                                                                                                                                                           ISTORE 5
                                                                                                                                                           LINENUMBER 21 L5
                                                                                                                                                           ICONST 1
                                                                                                                                                           ISTORE 6
                                                                                                                                                           LINENUMBER 31 L6
                                                                                                                                                           ILOAD 1
                                                                                                                                                           LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.0" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V
                                                                                                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V
                                                                                                                                                           IFEQ L7
                                                                                                                                                                                                                           LINENUMBER 32 L8
                                                                                                                                                                                                                            IINC 6 1
                                                                                                                                                           FRAME FULL [[Ljava/lang/String; I I I I I I] [] LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.0"
                                                                                                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                                                                                                                                           LINENUMBER 34 L9
                                                                                                                                                           ILOAD 2
                                                                                                                                                           LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.1" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V
                                                                                                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V
                                                                                                                                                           IFEQ L10
                                                                                                                                                                                                                            L11
                                                                                                                                                                                                                            LINENUMBER 35 L11
                                                                                                                                                                                                                            IINC 6 1
                                                                                                                                                           L10
                                                                                                                                                           FRAME SAME
                                                                                                                                                           LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.1" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                                                                                                                                           LINENUMBER 37 L12
                                                                                                                                                           BIPUSH 10
                                                                                                                                                           ISTORE 6
                                                                                                                                                           L13
                                                                                                                                                           LINENUMBER 38 L13
                                                                                                                                                           ILOAD 3
                                                                                                                                                           LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.2" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V
                                                                                                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V
                                                                                                                                                           IFEQ L14
                                                                                                                                                                                                                            LINENUMBER 39 L15
                                                                                                                                                                                                                            IINC 6 1
                                                                                                                                                           L14
                                                                                                                                                           FRAME SAME
                                                                                                                                                           LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.2" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                                                                                                                                           LINENUMBER 41 L16
                                                                                                                                                           ILOAD 4
                                                                                                                                                           LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.3"
                                                                                                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V
                                                                                                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V
                                                                                                                                                           IFEQ L17
                                                                                                                                                                                                                            LINENUMBER 42 L18
                                                                                                                                                                                                                            IINC 6 1
                                                                                                                                                           L17
                                                                                                                                                           FRAME SAME
                                                                                                                                                           LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.3" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                                                                                                                                           LINENUMBER 44 L19
                                                                                                                                                           ILOAD 5
                                                                                                                                                           LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.4" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V
                                                                                                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V
                                                                                                                                                           IFEQ L20
                                                                                                                                                                                                                            LINENUMBER 45 L21
                                                                                                                                                                                                                            IINC 6 1
                                                                                                                                                           L20
                                                                                                                                                            FRAME SAME
                                                                                                                                                            LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.4"
                                                                                                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                                                                                                                                            LINENUMBER 61 L22
                                                                                                                                                            SIPUSH 1000
                                                                                                                                                            ISTORE 6
                                                                                                                                                           LINENUMBER 62 L23
                                                                                                                                                            ICONST_0
                                                                                                                                                           ISTORE 7
                                                                                                                                                            L24
                                                                                                                                                            LINENUMBER 63 L24
                                                                                                                                                            ICONST_1
                                                                                                                                                            ISTORE 8
                                                                                                                                                           L25
                                                                                                                                                           FRAME APPEND [I I]
                                                                                                                                                           ILOAD 8
                                                                                                                                                           ILOAD 6
                                                                                                                                                           LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.5" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V
                                                                                                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPGTEval (II)V
                                                                                                                                                           IF_ICMPGT L26
                                                                     L26
                                                                     FRAME SAME
                                                                     LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.5"
                                                                     INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
                                                                                                                                                                                                                  L27
                                                                                                                                                                                                                  LINENUMBER 64 L27
                                                                     LINENUMBER 66 L29
                                                                                                                                                                                                                  IINC 7 1
                                                                     ILOAD 7
                                                                                                                                                                                                                  L28
                                                                     BIPUSH 15
                                                                                                                                                                                                                  LINENUMBER 63 L28
                                                                     LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V.6"
                                                                                                                                                                                                                  IINC 8 1
                                                                     INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V
                                                                                                                                                                                                                 GOTO L25
                                                                     INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPLEEval (II)V
                                                                     IF_ICMPLE L30
                                                                                                                                            LINENUMBER 70 L30
LINENUMBER 67 L31
                                                                                                                                            FRAME SAME
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                                                                                                                            GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                                                                                                                            ILOAD 7
                                                                                                                                            INVOKEVIRTUAL java/io/PrintStream.println (I)V
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                                                                                                                                            L33
LINENUMBER 68 L32
                                                                                                                                            LINENUMBER 71 L33
LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitAtReturn (Ljava/lang/String;)V
                                                                                                                                            LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.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
                                                                                                                                            INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.saveTrace ()V
                                                                                                                                           RETURN
L34
RETURN
                                                                                                                                       exit
```

entry