```
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
                                                                                                                  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
                                                                                                                  L4
                                                                                                                  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
                                                                                                                  L5
                                                                                                                  LINENUMBER 21 L5
                                                                                                                  ICONST 1
                                                                                                                  ISTORE 6
                                                                                                                  L6
                                                                                                                  LINENUMBER 31 L6
                                                                                                                  ILOAD 1
                                                                                                                  LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.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 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"
                                                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                                                                                                  LINENUMBER 34 L9
                                                                                                                  ILOAD 2
                                                                                                                  LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.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 L10
                                                                                                                                                         LINENUMBER 35 L11
                                                                                                                                                         IINC 6 1
                                                                                                                  L10
                                                                                                                  FRAME SAME
                                                                                                                  LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V"
                                                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)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"
                                                                                                                  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 39 L15
                                                                                                                                                                        IINC 6 1
                                                                                                                  L14
                                                                                                                  FRAME SAME
                                                                                                                   LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V"
                                                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                                                                                                  LINENUMBER 41 L16
                                                                                                                  ILOAD 4
                                                                                                                  LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.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 L17
                                                                                                                                                                        L18
                                                                                                                                                                        LINENUMBER 42 L18
                                                                                                                                                                        IINC 6 1
                                                                                                                  L17
                                                                                                                  FRAME SAME
                                                                                                                  LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V"
                                                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                                                                                                  LINENUMBER 44 L19
                                                                                                                  ILOAD 5
                                                                                                                  LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V"
                                                                                                                  BIPUSH 4
                                                                                                                  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 L20
                                                                                                                                                                         L21
                                                                                                                                                                        LINENUMBER 45 L21
                                                                                                                                                                        IINC 6 1
                                                                                                                   L20
                                                                                                                   FRAME SAME
                                                                                                                   LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V"
                                                                                                                   INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)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"
                                                                                                                  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_ICMPGTEval (II)V
                                                                                                                  IF_ICMPGT L26
                                          L26
                                          FRAME SAME
                                          LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V"
                                          INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                                                                                                                                                 L27
                                                                                                                                                                LINENUMBER 64 L27
                                                                                                                                                                IINC 7 1
                                          LINENUMBER 66 L29
                                                                                                                                                                L28
                                          ILOAD 7
                                                                                                                                                                LINENUMBER 63 L28
                                          BIPUSH 15
                                                                                                                                                                 IINC 8 1
                                          LDC "edu/cmu/cs/mvelezce/analysis/EarlyJoinExample.main([Ljava/lang/String;)V"
                                                                                                                                                                GOTO L25
                                          BIPUSH 6
                                          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 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;
LDC "Error"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
                                                                                                     INVOKEVIRTUAL java/io/PrintStream.println (I)V
LINENUMBER 68 L32
                                                                                                     LINENUMBER 71 L33
                                                                                                     INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitAtReturn ()V
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitAtReturn ()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
RETURN
                                                                                                     L34
                                                                                                 exit
```

entry