

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 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
L3
LINENUMBER 16 L3
ILOAD 1
DUP
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.0"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEEQEval (ILjava/lang/String;)V
IFEQ L4

L5
LINENUMBER 17 L5
ICONST_5
ISTORE 4
L6
GOTO L7

L4
LINENUMBER 19 L4
FRAME APPEND [I I]
BIPUSH 10
ISTORE 4

L7
FRAME APPEND [I]
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.0"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L8
LINENUMBER 22 L8
ILOAD 2
DUP
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.1"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEEQEval (ILjava/lang/String;)V
IFEQ L9

L10
LINENUMBER 23 L10
ICONST_1
ISTORE 5
L11
GOTO L12

L9
LINENUMBER 25 L9
FRAME SAME
ICONST_2
ISTORE 5

L12
FRAME APPEND [I]
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.1"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L13
LINENUMBER 28 L13
ILOAD 3
DUP
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.2"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEEQEval (ILjava/lang/String;)V
IFEQ L14

L15
LINENUMBER 29 L15
ICONST_5
INVOKESTATIC java/lang/Integer.valueOf (I)Ljava/lang/Integer;
ASTORE 6
L16
GOTO L17

L14
LINENUMBER 31 L14
FRAME SAME
ICONST_0
INVOKESTATIC java/lang/Integer.valueOf (I)Ljava/lang/Integer;
ASTORE 6

L17
FRAME APPEND [Ljava/lang/Integer]
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.2"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L18
LINENUMBER 34 L18
ICONST_0
ISTORE 7
L19
LINENUMBER 35 L19
ALOAD 6
DUP
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.3"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFNULLEval (Ljava/lang/Object;Ljava/lang/String;)V
IFNULL L20

L21
LINENUMBER 36 L21
ALOAD 6
INVOKEVIRTUAL java/lang/Integer.intValue ()I
ISTORE 7

L20
FRAME APPEND [I]
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.3"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L22
LINENUMBER 39 L22
ILOAD 7
ICONST_1
DUP2
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.4"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPLTEval (IILjava/lang/String;)V
IF_ICMPLT L23

ILOAD 7
BIPUSH 10
DUP2
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.5"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPGTEval (IILjava/lang/String;)V
IF_ICMPGT L23

L23
LINENUMBER 52 L23
FRAME SAME
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Out of range"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V

L24
LINENUMBER 40 L24
ILOAD 5
DUP
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.6"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFLEEval (ILjava/lang/String;)V
IFLE L25

ILOAD 7
ILOAD 4
DUP2
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.7"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPNEEval (IILjava/lang/String;)V
IF_ICMPNE L25

L25
LINENUMBER 44 L25
FRAME SAME
IINC 5 -1
L29
LINENUMBER 45 L29
ILOAD 5
DUP
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.8"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFLEEval (ILjava/lang/String;)V
IFLE L30

L31
LINENUMBER 46 L31
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Try again"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
GOTO L32

L30
LINENUMBER 48 L30
FRAME SAME
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Game over!"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
GOTO L32

L32
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.8"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V

L26
LINENUMBER 41 L26
ICONST_0
ISTORE 5
L27
LINENUMBER 42 L27
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "You win!"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
GOTO L28

L28
FRAME SAME
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.7"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.6"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.5"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.main([Ljava/lang/String;)V.4"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L33
LINENUMBER 54 L33
LDC "edu/cmu/cs/mvelezce/analysis/GuessANumber.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
RETURN
L34

exit