```
entry
                                                 LINENUMBER 100 L0
                                                 LDC "36aaa0e9-1b8a-41b6-ba1b-56329ef139a1"
                                                 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
                                                 ILOAD 2
                                                 SIPUSH 32767
                                                 IAND
                                                 ISTORE 4
                                                 L1
                                                 LINENUMBER 101 L1
                                                 ALOAD 0
                                                 GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.val: I
                                                 ISTORE 5
                                                 L2
                                                 LINENUMBER 103 L2
                                                 ILOAD 5
                                                 ICONST_5
                                                 ISHL
                                                 ILOAD 2
                                                 ICONST_2
                                                 IADD
                                                 ILOAD 3
                                                 IF_ICMPGE L3
                                                                                                                                                                            ALOAD 1
                                                                                                                                                                            ILOAD 2
                                                                                                                                                                           ICONST_2
                                                                                                                                                                            IADD
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash [B I I I I ] [I]
                                                                                                                                                                            BALOAD
ICONST_0
                                                                                                                                                                           SIPUSH 255
                                                                                                                                                                            IAND
                                                                                                                                                                           GOTO L4
                                                 FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash [B I I I I] [I I]
                                                 IXOR
                                                 SIPUSH 32767
                                                 IAND
                                                 ISTORE 5
                                                 L5
                                                 LINENUMBER 105 L5
                                                 ALOAD 0
                                                  GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.hashVal: [I
                                                  ILOAD 4
                                                 ILOAD 5
                                                 IASTORE
                                                 L6
                                                 LINENUMBER 106 L6
                                                  ALOAD 0
                                                 GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.head: [I
                                                  ILOAD 5
                                                  IALOAD
                                                  ISTORE 6
                                                  L7
                                                 LINENUMBER 107 L7
                                                  ALOAD 0
                                                 GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.prev: [I
                                                 ILOAD 4
                                                 ILOAD 6
                                                 ICONST_M1
                                                 IF_ICMPEQ L8
                                                                                                   ALOAD 0
                                                                                                   GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.hashVal: [I
                                                                                                   ILOAD 6
                                                                                                   IALOAD
                                                                                                   ILOAD 5
                                                                                                   IF_ICMPNE L8
                                                                                                                                                                                      ILOAD 6
    FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash [B I I I I I ] [[I I]
                                                                                                                                                                                      GOTO L9
    ILOAD 4
                                                      FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash [B I I I I I ] [[I I I]
                                                      IASTORE
                                                      L10
                                                      LINENUMBER 108 L10
                                                      ALOAD 0
                                                      GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.head: [I
                                                      ILOAD 5
                                                      ILOAD 4
                                                      IASTORE
                                                      L11
                                                      LINENUMBER 110 L11
                                                      ALOAD 0
                                                      GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.same: [I
                                                      ILOAD 2
                                                      ICONST_1
                                                      ISUB
                                                      SIPUSH 32767
                                                      IAND
                                                      IALOAD
                                                      ISTORE 6
                                                      L12
                                                      LINENUMBER 111 L12
                                                      ILOAD 6
                                                      ICONST_1
                                                      IF_ICMPGE L13
                                                                                                     L14
                                                                                                     LINENUMBER 112 L14
                                                                                                     ICONST 1
                                                                                                     ISTORE 6
                                                                                                                     L13
                                                                                                                      LINENUMBER 114 L13
                                                                                                                      FRAME SAME
                                                                                                                      ILOAD 6
                                                                                                                      ILOAD 2
                                                                                                                      IADD
                                                                                                                      ISTORE 6
                                                                                                                      L15
                                                                                                                     LINENUMBER 115 L15
                                                                                                                      ALOAD 1
                                                                                                                      ILOAD 2
                                                                                                                     BALOAD
                                                                                                                      ISTORE 7
                                                                                                                      L16
                                                                                                                     LINENUMBER 116 L16
                                                                                                                     FRAME APPEND [I]
                                                                                                                      ILOAD 6
                                                                                                                     ILOAD 3
                                                                                                                      IF ICMPGE L17
                                                                                                                            ILOAD 7
                                                                                                                            ALOAD 1
                                                                                                                            ILOAD 6
                                                                                                                            BALOAD
                                                                                                                            IF_ICMPNE L17
                                                                                                             L17
                                                                                                             LINENUMBER 119 L17
                                                                                                             FRAME SAME
                                                                                                             ILOAD 6
                                                                                                             ILOAD 2
                                                                                                             ISUB
                                                                                                             ISTORE 6
                                                                                                             L19
                                                                                                             LINENUMBER 120 L19
                                                                                                             IINC 6 -1
                                                                                                             L20
                                                                                                             LINENUMBER 121 L20
                                                                                                             ALOAD 0
                                                                                                             GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.same : [I
                                                                                                             ILOAD 4
                                                                                                             ILOAD 6
                                                                                                             IASTORE
                                                                                                             L21
                                                                                                             LINENUMBER 123 L21
                                                                                                             ILOAD 6
                                                                                                             ICONST_3
                                                                                                             ISUB
                                                                                                             SIPUSH 255
                                                       L18
                                                                                                             IAND
                                                        LINENUMBER 117 L18
                                                                                                             ILOAD 5
                                                       IINC 61
                                                                                                             IXOR
                                                        GOTO L16
                                                                                                             ISTORE 6
                                                                                                             LINENUMBER 124 L22
                                                                                                             ALOAD 0
                                                                                                             GETFIELD\ optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.hashVal2: [II] and the processing optimizer of the processing of the processing optimizer of the processing of the processing optimizer of the processi
                                                                                                             ILOAD 4
                                                                                                             ILOAD 6
                                                                                                             IASTORE
                                                                                                             L23
                                                                                                             LINENUMBER 125 L23
                                                                                                             ALOAD 0
                                                                                                             GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.head2: [I
                                                                                                             ILOAD 6
                                                                                                             IALOAD
                                                                                                             ISTORE 8
                                                                                                             L24
                                                                                                             LINENUMBER 126 L24
                                                                                                             ALOAD 0
                                                                                                             GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.prev2: [I
                                                                                                             ILOAD 4
                                                                                                             ILOAD 8
                                                                                                             ICONST_M1
                                                                                                             IF_ICMPEQ L25
                                                                 ALOAD 0
                                                                 GETFIELD\ optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.hashVal2: [II] and the processing optimizer/core/processing/zopfli/Hash.hashVal2: [II] and the processing optimizer/core/processing/zopfli/HashVal2: [II] and the processing optimizer/core/processing optimizer/core/processing optimizer/core/
                                                                 ILOAD 8
                                                                 IALOAD
                                                                 ILOAD 6
                                                                 IF_ICMPNE L25
                                                                                                                                                 L25
                                                                                                                  ILOAD 8
                                                                                                                                                GOTO L26
                                                                                                                                                 ILOAD 4
                                                                                         FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash [B I I I I I I I ] [[I I I]
                                                                                          IASTORE
                                                                                          L27
                                                                                          LINENUMBER 127 L27
                                                                                          ALOAD 0
                                                                                          GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.head2: [I
                                                                                          ILOAD 6
                                                                                          ILOAD 4
                                                                                          IASTORE
                                                                                          LINENUMBER 129 L28
                                                                                          ALOAD 0
                                                                                          ILOAD 5
                                                                                          PUTFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.val: I
                                                                                          L29
                                                                                          LINENUMBER 130 L29
                                                                                          LDC "36aaa0e9-1b8a-41b6-ba1b-56329ef139a1"
                                                                                          INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
                                                                                          RETURN
```

exit