```
L0
                 LINENUMBER 100 L0
                 LDC "9d9b4d45-959b-4e5b-a035-93638a2e525c"
                 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
                 ILOAD 2
                 SIPUSH 32767
                 IAND
                 ISTORE 4
                 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
                                     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
            L9
            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
                                                 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 6 1
                                      IXOR
             GOTO L16
                                      ISTORE 6
                                      LINENUMBER 124 L22
                                      ALOAD 0
                                      GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.hashVal2: [I
                                      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: [I
                                                          ILOAD 8
                                                          IALOAD
                                                          ILOAD 6
                                                          IF_ICMPNE L25
             L25
                                                                                                  ILOAD 8
             GOTO L26
             ILOAD 4
                                     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
                                     LINENUMBER 130 L29
                                     LDC "9d9b4d45-959b-4e5b-a035-93638a2e525c"
                                     INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
                                     RETURN
```

exit

entry