```
entry
                 L0
                 LINENUMBER 100 L0
                 LDC "bb49e2ae-0441-4e94-b612-512c596e810f"
                 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<sub>2</sub>
                 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
                 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
                                                                   L18
                                          IADD
                                                                   LINENUMBER 117 L18
                                          ISTORE 6
                                                                   IINC 6 1
                                          L15
                                                                   GOTO L16
                                          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
                               IAND
                               ILOAD 5
                               IXOR
                               ISTORE 6
                               L22
                               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
                               L26
                               IASTORE
                               L27
                               LINENUMBER 127 L27
                               ALOAD 0
                               GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.head2: [I
                               ILOAD 6
                               ILOAD 4
                               IASTORE
                               L28
                               LINENUMBER 129 L28
                               ALOAD 0
                               ILOAD 5
                               PUTFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.val: I
                               LINENUMBER 130 L29
                               LDC "bb49e2ae-0441-4e94-b612-512c596e810f"
                               INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
                               RETURN
```

exit