```
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_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
                                      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: [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 "bb49e2ae-0441-4e94-b612-512c596e810f"
                                     INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
                                     RETURN
                                                                                                  exit
```

entry