```
entry
                                   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
                                   LINENUMBER 101 L1
                                   ALOAD 0
                                   GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.val: I
                                   ISTORE 5
                                   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 6 1
                                                                               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/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/processing optimizer/core/processing optimizer/core/processing optimizer/core/processing optimizer/core/
                                                                               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
                                                                              LINENUMBER 129 L28
                                                                              ALOAD 0
                                                                              ILOAD 5
                                                                              PUTFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.val: I
                                                                               L29
                                                                              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