```
0123   9D    GHI  RD    ;Test if RD.1 went past table end @ 0BFF
  24   FB    XRI
  25   0C
  26   3A    BNZ        ;If not, continue search
  27   1A
  28   F8    LDI
  29   01
  2A   AE    PLO  RE    ;Else load error #1 - no symbol found
  2B   D4    SEP  R4
  2C   02                ;And call Error Message - halt program
  2D   B0
  2E   D5    SEP  R5    ;Return (In the event error routines changed)

                        TEST STRING

012F   E2    SEX  2     ;X = 2
  30   F8    LDI
  31   05
  32   AF    PLO  RF    ;RF.0 = Loop Count of 5
  33   F8    LDI
  34   00
  35   AE    PLO  RE    ;RE.0 = Equality flag (00=) (≠00≠)
  36   4A    LDA  RA    ;Get character for comparison (Label)
  37   52    STR  R2    ;Push
  38   4D    LDA  RD    ;Get character from known string
  39   F3    XOR        ;Compare the two bytes
  3A   32    BZ         ;If equal, continue checking
  3B   3D
  3C   1E    INC  RE    ;Else flag the inequality
  3D   2F    DEC  RF    ;Decrement Loop Count
  3E   8F    GLO  RF
  3F   3A    BNZ        ;Loop for 5 bytes
0140   36
  41   2A    DEC  RA    ;Reset RA to point to same string
  42   2A    DEC  RA    ;  "   "       "       "      "
  43   2A    DEC  RA    ;  "   "       "       "      "
  44   2A    DEC  RA    ;  "   "       "       "      "
  45   2A    DEC  RA    ;  "   "       "       "      "
  46   D5    SEP  R5    ;Return  (RD points to byte after string)

                        INSERT ADDRESS

0147   09    LDN  R9    ;Get high part Chip-8 Instruction
  48   FA    ANI        ;"AND" with "F0" to strip last 4 bits assuring
  49   F0               ;"N-0" form
  4A   E2    SEX  2     ;X = 2
  4B   52    STR  R2    ;Push
  4C   4D    LDA  RD    ;Get high part address in table
  4D   FA    ANI
```