NUMBERS CONVERSION

```
069E  WORK   :0000 ;4BYT  -- Work area for conversion

06A0          0000
  A2  NUMBS  :A69E ;WORK  -- Set "I" to work area above
  A4          F033 ;3-DD  -- Let V0=3 digit decimal number @ I
  A6          F265 ;GET   -- Let V0:V2 = those digits
  A8          6330 ;V3=30 -- V3 holds constant of 30
  AA          8031 ;V0/V3 -- Logical "OR" number/30 hex
  AC          8131 ;V1/V3 -- to form ASCII equivalent
  AE          8231 ;V2/V3 -- of the 3 digits

06B0          6300 ;V3=00 -- Let V3=00 null character to end string
  B2  NUMB1  :3030 ;SK=30 -- If V0=30 (00 in ASCII) skip into next
  B4          16BE ;NUMB2 -- Jump past next part
  B6          8010 ;V0=V1 -- Move number up to delete leading zeroes
  B8          8120 ;V1=V2 --   "                "                "
  BA          8230 ;V2=V3 --   "                "                "
  BC          16B2  NUMB1 -- Jump to recheck V0
  BE  NUMB2  :A2F0 ;V0    -- Set "I" to V0 in memory

06C0          2698  PRINT -- Do sub -- print number
  C2          00EE ;RET   -- Return
```

TURN SWITCHER

```
06C4  TURNS  :ADE8 ;MSGS  -- Set "I" to ASCII message "WHITE/BLACK"
  C6          4480 ;SK≠80 -- Skip next if V4 turn indicator ≠ 80 (black)
  C8          ADEE ;MSGS  -- Set "I" to ASCII message "BLACK/WHITE"
  CA          6C00 ;VC=00 -- VC is VX for turn message display
  CC          6D00 ;VD=00 -- VD is VY  "         "          "
  CE          2698 ;PRINT -- Do sub -- print the message (to erase)

06D0          2698 ;PRINT -- Do sub -- print the message (to show new)
  D2          6081 ;V0=81 -- V0 holds value for complimenting V4
  D4          8403 ;XOR   -- Exclusive "OR" V4:81 to switch 01↔80
  D6          00EE ;RET   -- Return (display and V4 "RIGHT")
```