```
017C   F0    LDX          ;Get new RA.1
  7D   FF    SMI          ;Subtract RA.1 - 05 (If negative, RA.1 would be < 05)
  7E   05
  7F   3B    BM           ;Branch if negative to error
0180   8C
  81   F0    LDX          ;Else get RA.1 (new) value -(Tested to be in bounds)
  82   BA    PHI  RA      ;Put in RA.1
  83   8F    GLO  RF      ;Get RF.0 part of new address
  84   AA    PLO  RA      ;Put in RA.0
  85   AD    PLO  RD      ;Put in RD.0
  86   9F    GHI  RF      ;Get RF.1 part of new address
  87   BD    PHI  RD      ;Put in RD.1
  88   F8    LDI          ;Store 00 in RF.0 to indicate RA was
  89   00                 ;Calculated to be in bounds
  8A   AF    PLO  RF
  8B   D5    SEP  R5      ;Return
  8C   F8    LDI          ;Store 01 in RF.0 to indicate RA was
  8D   01                 ;Not in bounds - (Error flag)
  8E   AF    PLO  RF
  8F   D5    SEP  R5      ;Return

                          ENTER NEW PSEUDO ADDRESS

0190   D4    SEP  R4
  91   02                 ;Call Function display
  92   AF
  93   53 54 41 52 54 20 46 52 4F 4D 00 - Text ("Start From")
019E   D4    SEP  R4
  9F   03                 ;Call position R7 R9 for keyboard entries
01A0   E4
  A1   D4    SEP  R4
  A2   02                 ;Call Keyboard entry - Data in RF
  A3   C0                 ;  "     "        "     "   "  "
  A4   04                 ;Pass loop value (4 digits)
  A5   9F    GHI  RF      ;Transfer new pseudo start address to RD
  A6   BD    PHI  RD      ;  "       "    "     "       "     "  "
  A7   F8    LDI
  A8   05                 ;Then reset RA data pointer to data beginning
  A9   BA    PHI  RA      ;  "    "   "    "    "     "    "     "
  AA   F8    LDI          ;  "    "   "    "    "     "    "     "
  AB   00                 ;And limit new pseudo start to
  AC   AD    PLO  RD      ;A page beginning (RD.0 = 00)
  AD   AA    PLO  RA
  AE   D5    SEP  R5      ;Return
```