Please refer to the new Software License found on the webpage
at www.bds-soft.com/license.html .

Traditionally, Forth blocks are formatted to 64 characters per line and 16 lines per block, for a total of 1024 characters per block.

In order to accommodate this on the Coco, I have used a character design of 7 pixels high by 3 pixels wide on CF83 PMODE H (256 wide by 192 high = PMODE 4 in BASIC), with one pixel of width between characters, and 1 pixel of height between lines.

Thus, 64 x 4 = 256, and 16 x 8 = 128; leaving 64 pixels (i.e. 8 characters high) below the block contents for information about the block itself.

This design covers the visible character numbers 33 (&H21) ! through 126 (&H7E) ~ .

This design presupposes the use of the Natural (OS-9) keyboard in the VCC Emulator. Some of the keys in that emulator do not work correctly. Work-arounds are provided below for such keys.

33   &H21   !

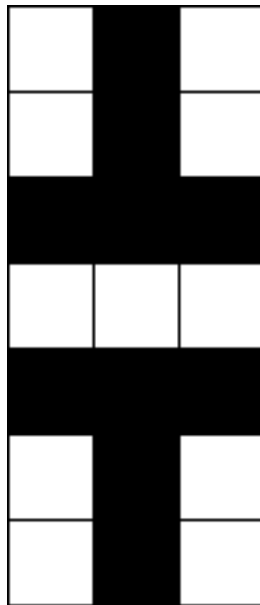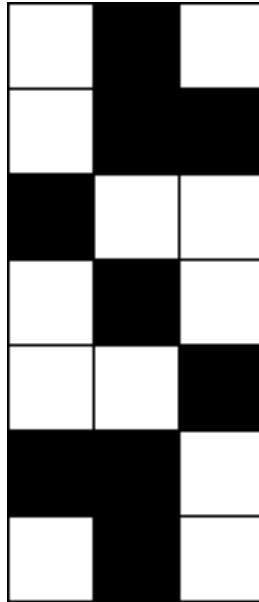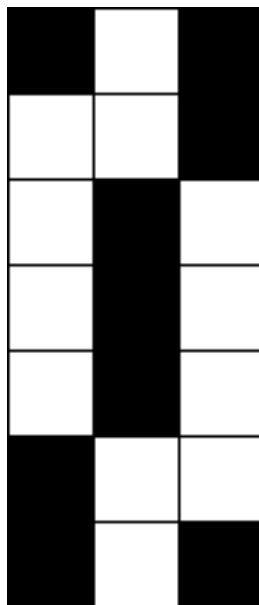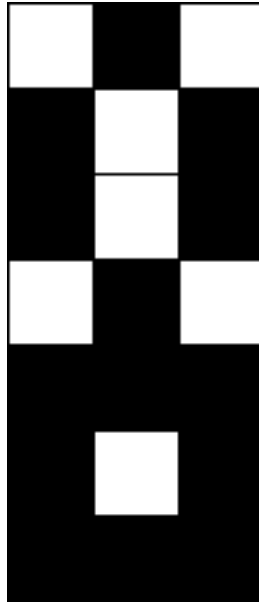34   &H22   "

35   &H23   #

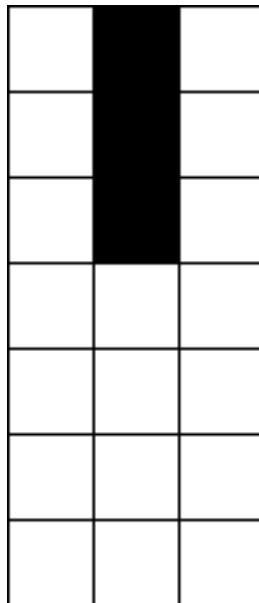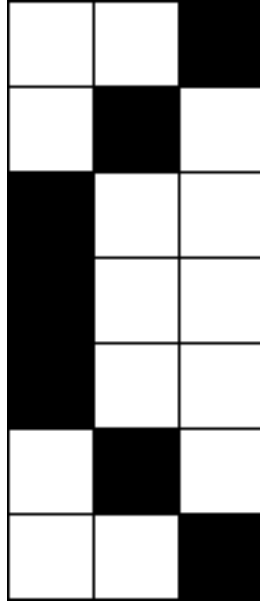36   &H24 $

37   &H25   %
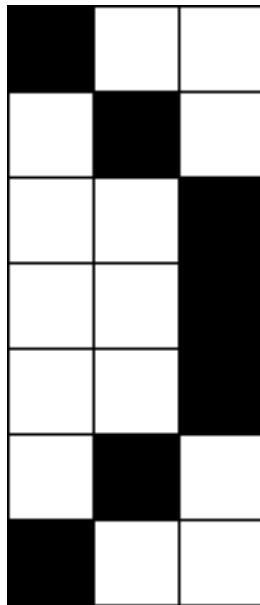
38   &H26   &
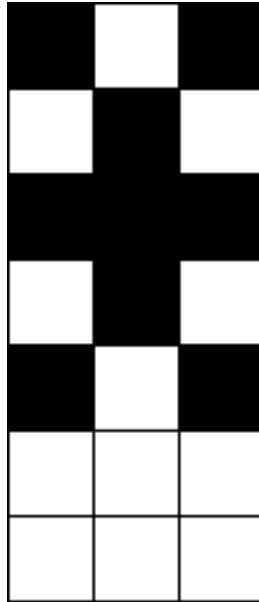
39   &H27   '

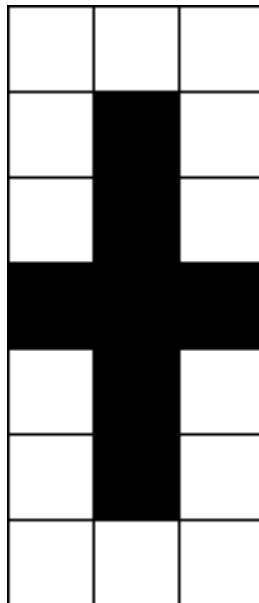40   &H28   (

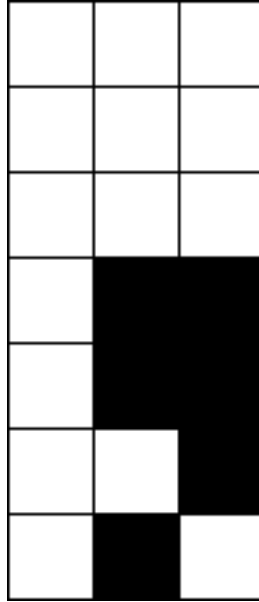41   &H29   )

42   &H2A   *
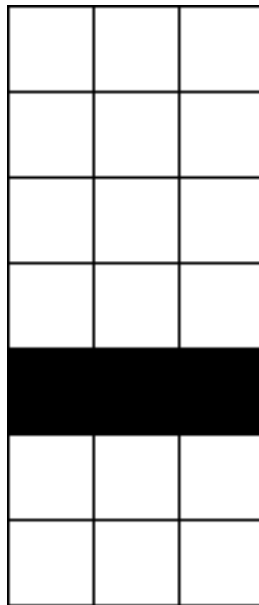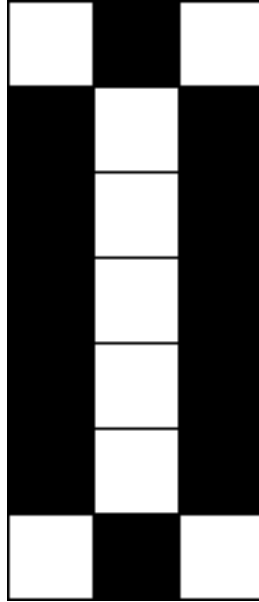
43   &H2B   +

44   &H2C   ,

45   &H2D   -

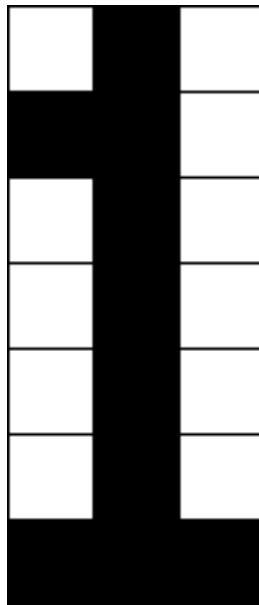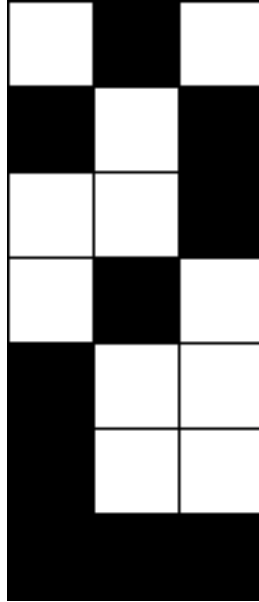46   &H2E   .
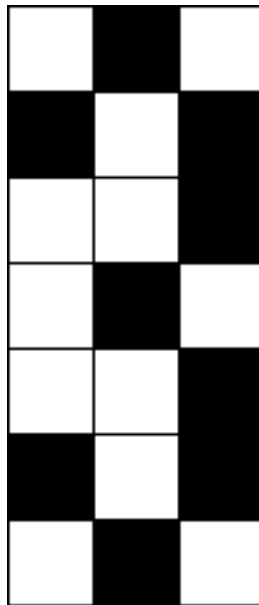
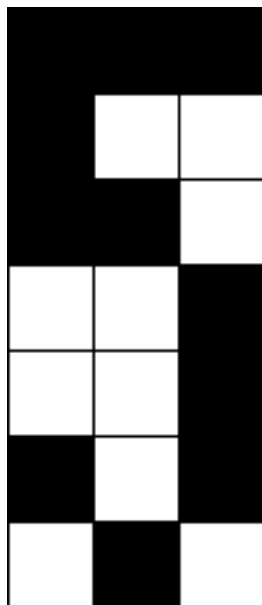47   &H2F   /
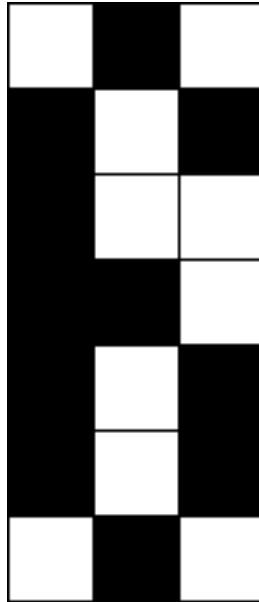
48   &H30   0
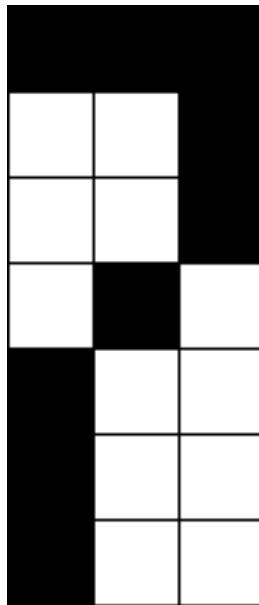
49   &H31   1

50   &H32   2

51   &H51   3
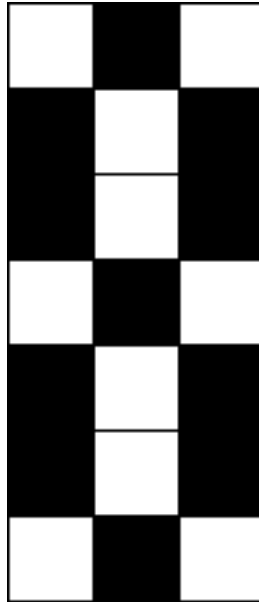
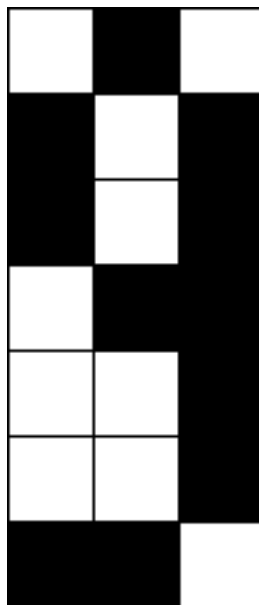52   &H34   4
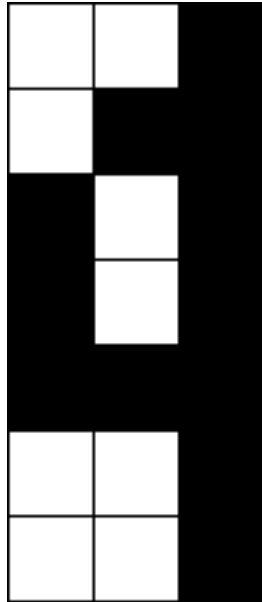
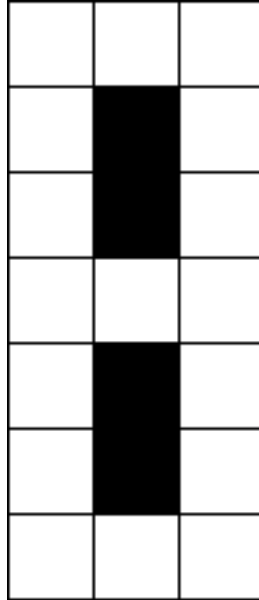53   &H35   5

54   &H36   6
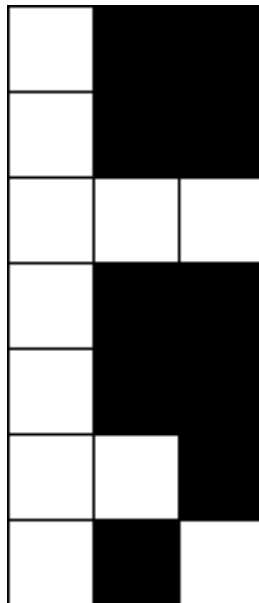
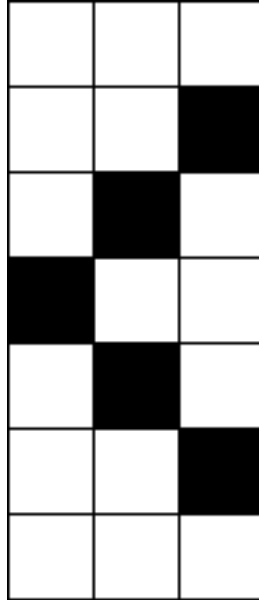

55   &H37   7
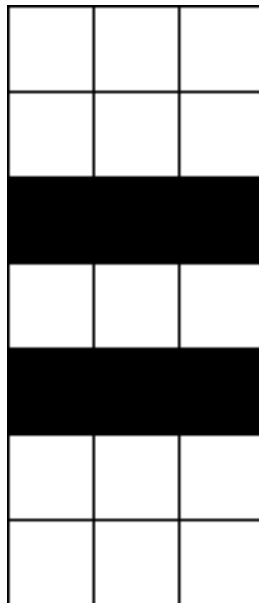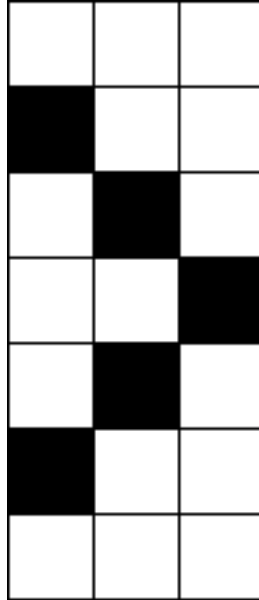
56   &H38   8

57   &H39   9

58 &H3A :

59 &H3B ;

60   &H3C   <
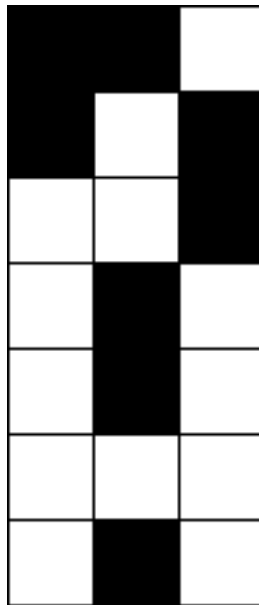
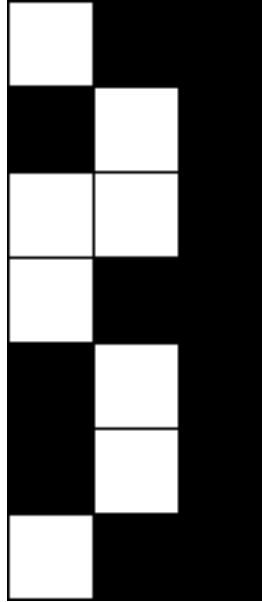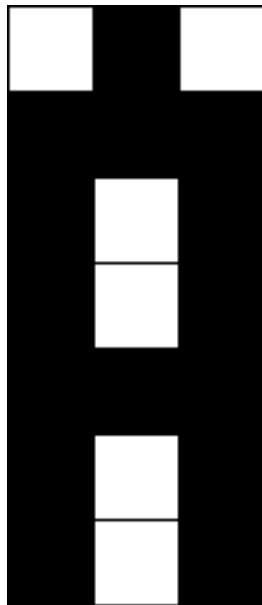61   &H3D   =

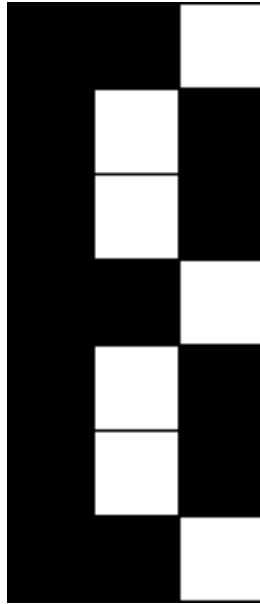62   &H3E   >

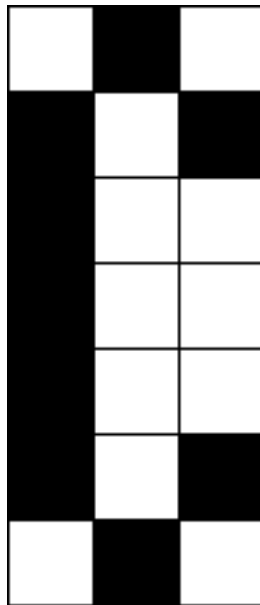63   &H3F   ?
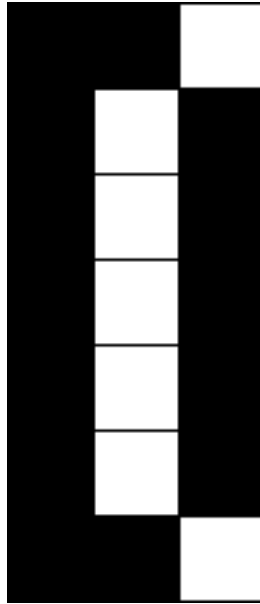
64   &H40   @

65   &H41   A
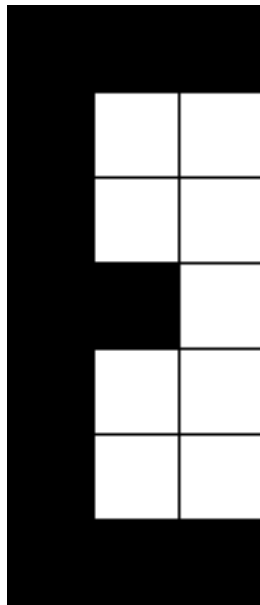
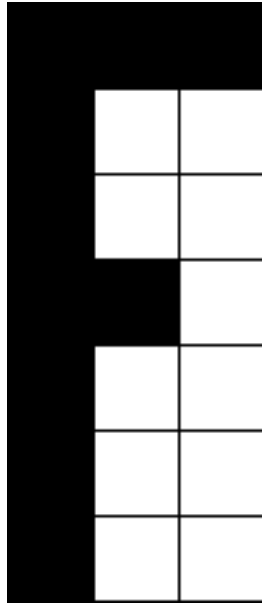66   &H42   B

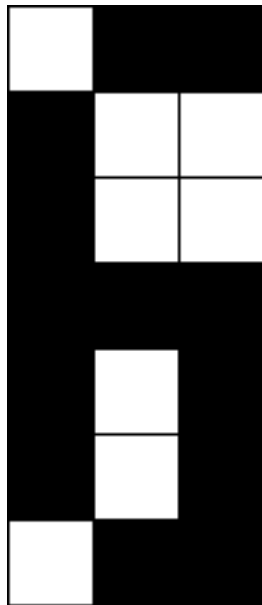67   &H43   C

68   &H44   D
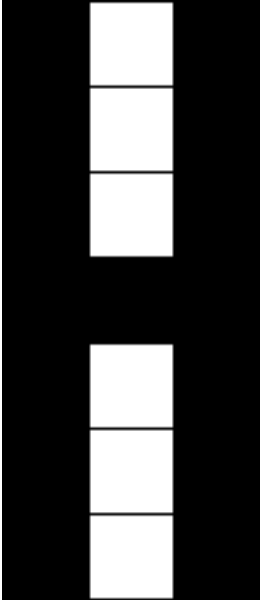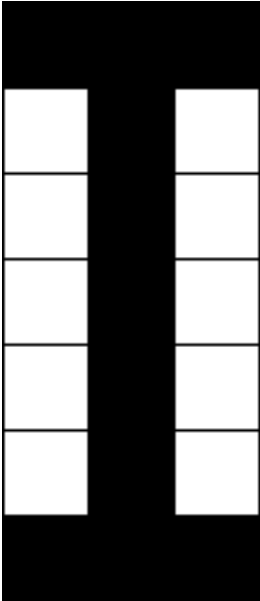
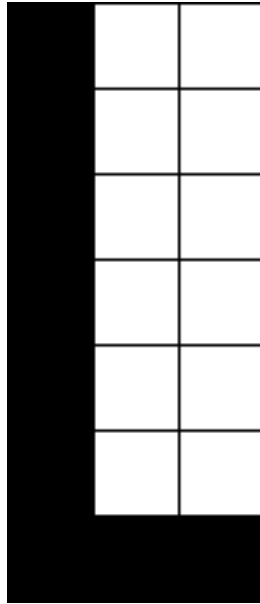69   &H45   E

70   &H46   F
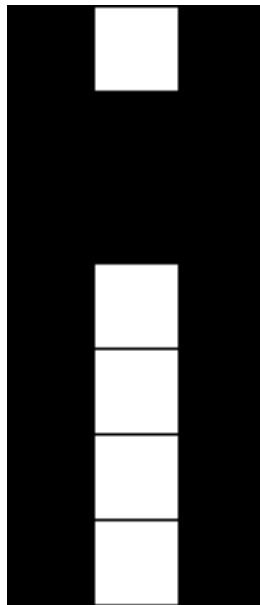
71   &H47   G

72   &H48   H

73   &H49   I

74   &H4A   J

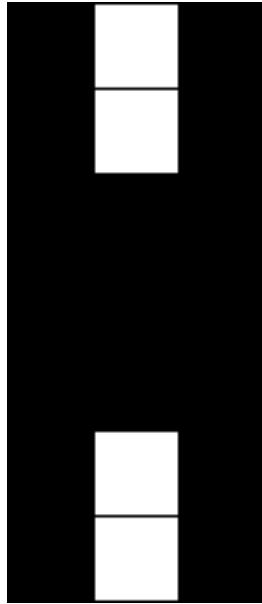75   &H4B   K
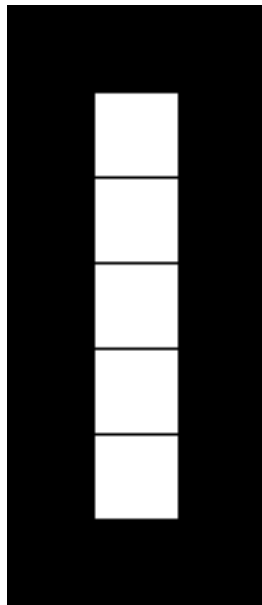
76   &H4C   L

77   &H4D   M
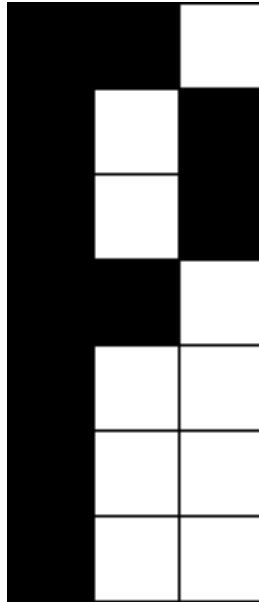
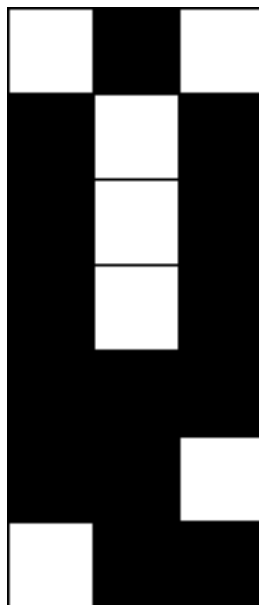78   &H4E   N

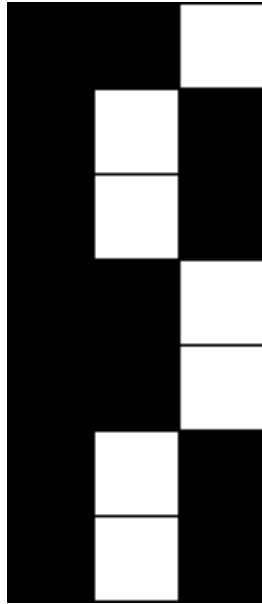79   &H4F   O
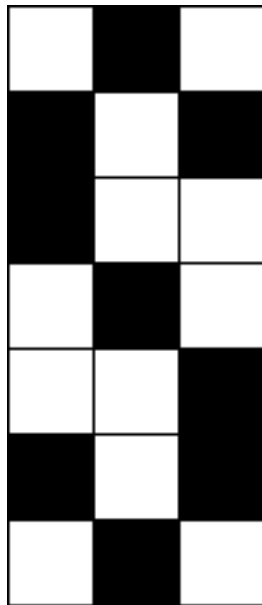
80   &H50   P
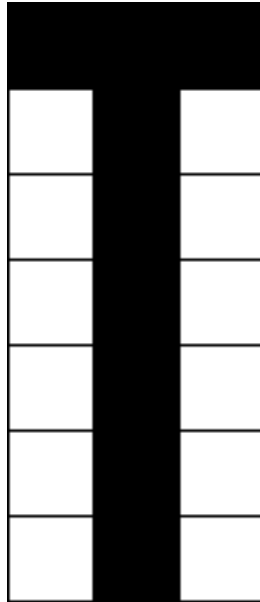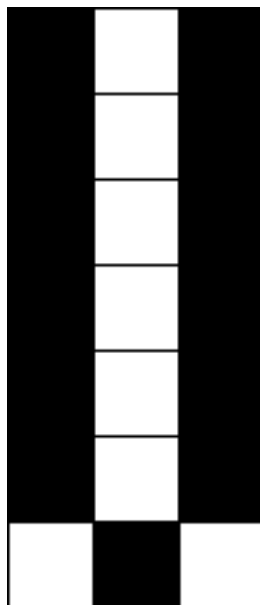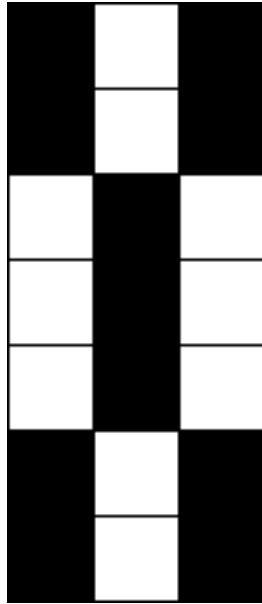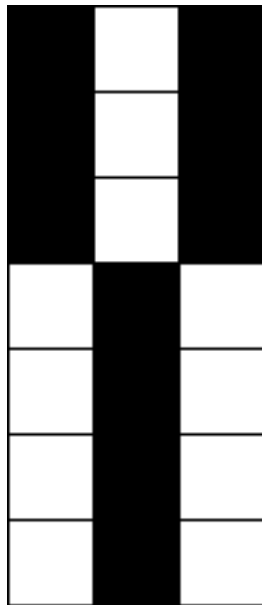
81   &H51   Q

82   &H52   R

83   &H53   S

84   &H54   T

85   &H55   U

86   &H56   V

87   &H57   W

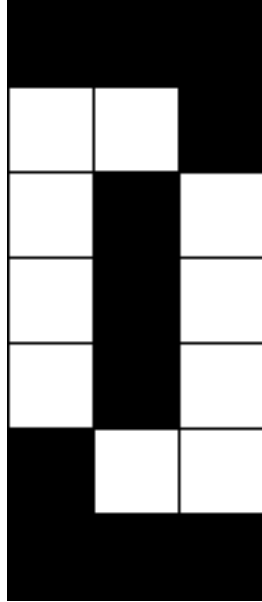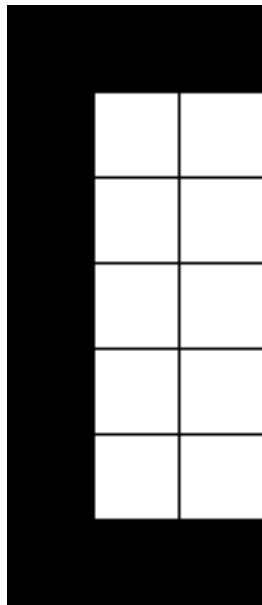88   &H58   X

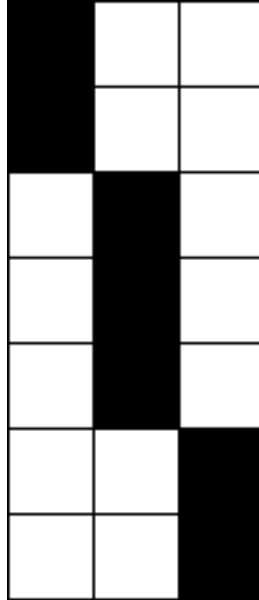89   &H59   Y

90   &H5A   Z
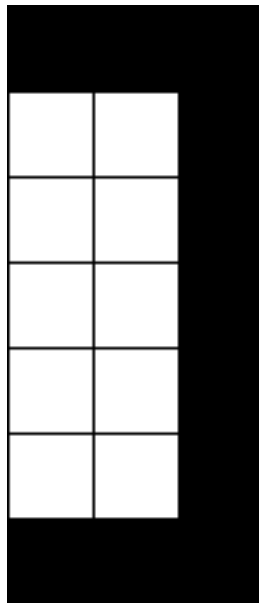
91   &H5B   [
Does not work correctly in VCC.
Use "CLEAR-[" instead.
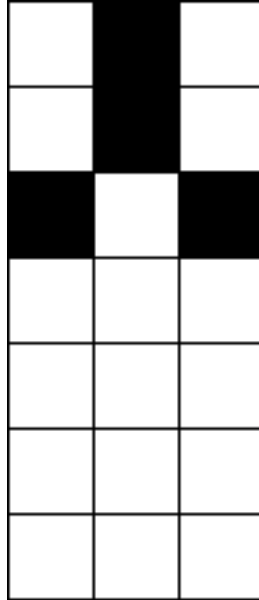
92   &H5C   \
Does not work correctly in VCC.
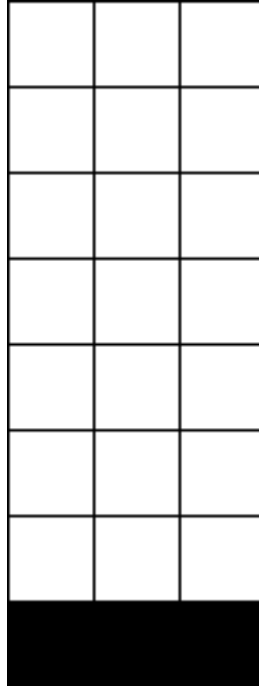Use "CLEAR-/" instead.

93   &H5D   ]
Does not work correctly in VCC.
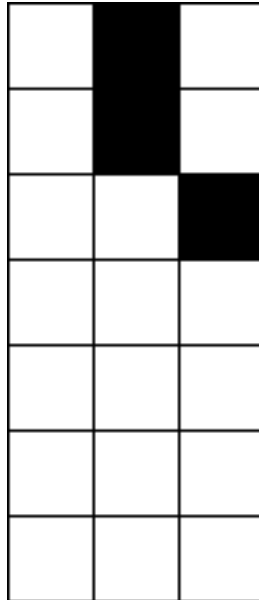Use "CLEAR-]" instead.

94   &H5E   ^

Does not work correctly in VCC.
Use "CLEAR-SHIFT-: and then
BACKSPACE" instead.
"CLEAR-SHIFT-:" outputs ^| and
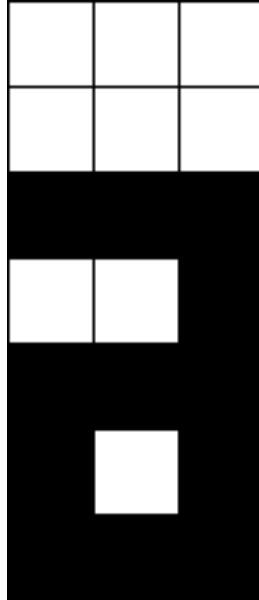then BACKSPACE removes the |.

95   &H5F   _

Does not work correctly in VCC.
Use "SHIFT-CTRL-ALT" instead.
In that order – and note:
CTRL not CLEAR.

Note that dots are actually on the
line BELOW the 3 x 7
character.

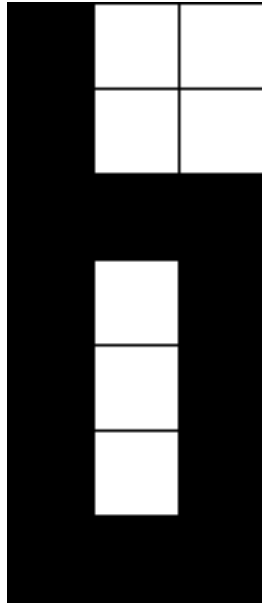96   &H60   `
                        (backtick)
Does not work correctly in VCC.
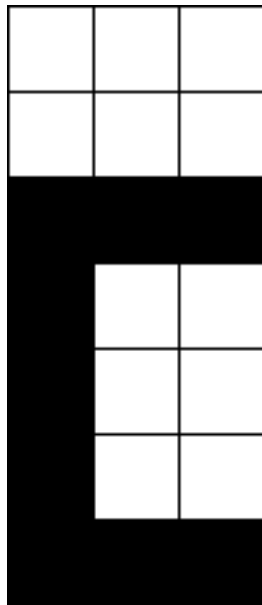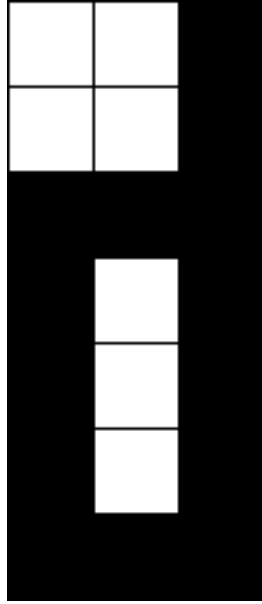Use "CLEAR-7" instead.

97   &H61   a

98   &H62   b
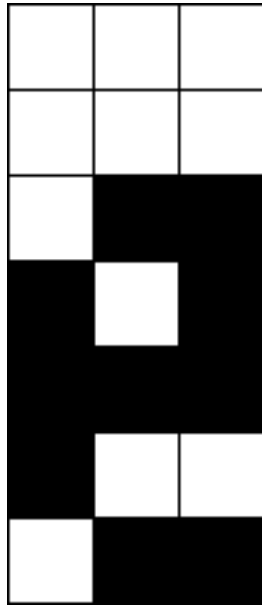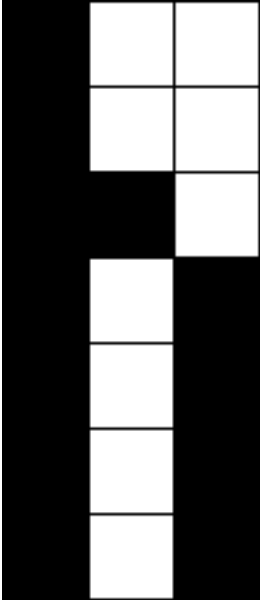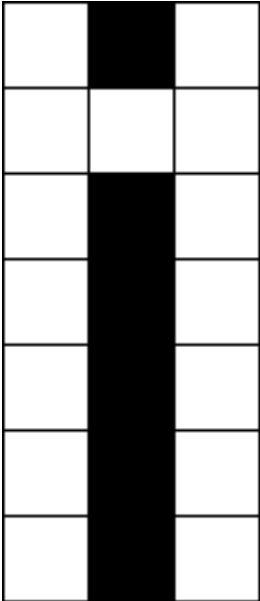
99   &H63   c

100   &H64   d

101   &H65   e

102   &H66   f

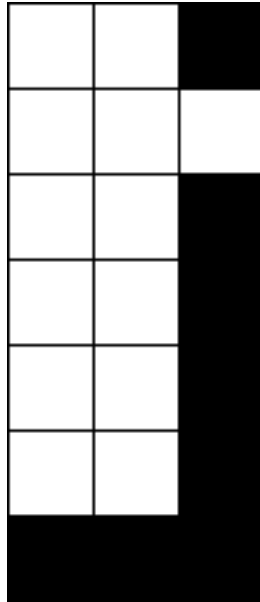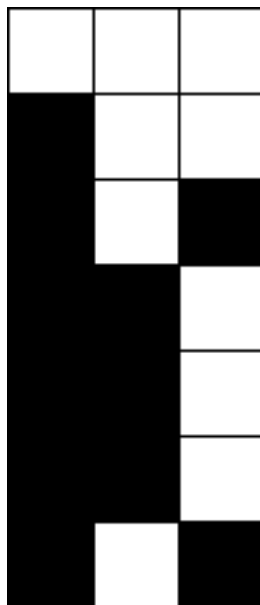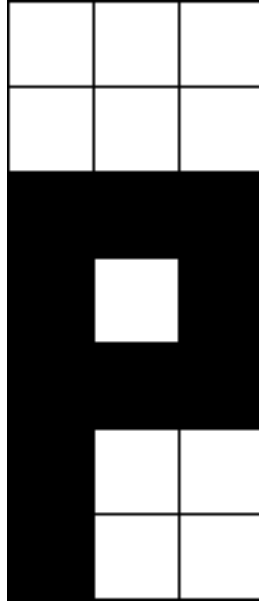103   &H67   g

104   &H68   h

105   &H69   i

106   &H6A   j

107   &H6B   k

108   &H6C   l

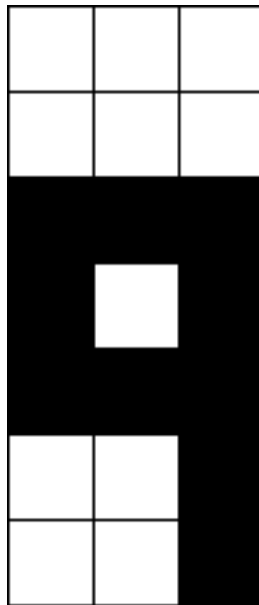109   &H6D   m

110   &H6E   n

111   &H6F   o
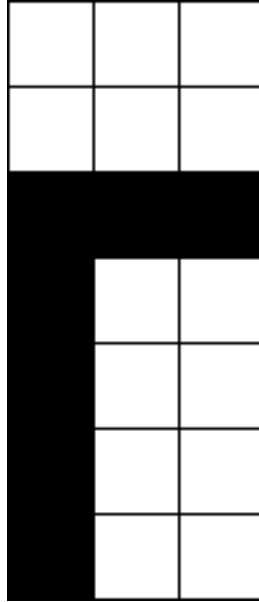
112   &H70   p
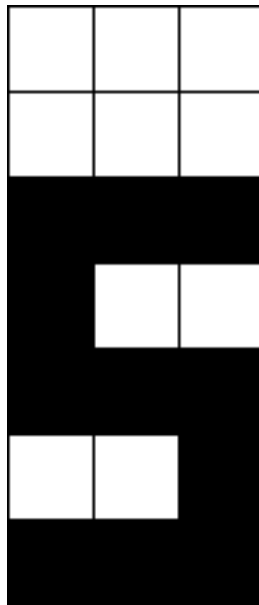
113   &H71   q
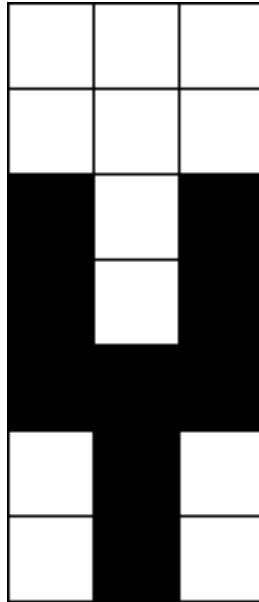
114   &H72   r

115   &H73   s

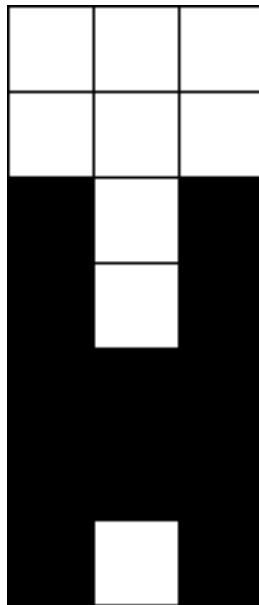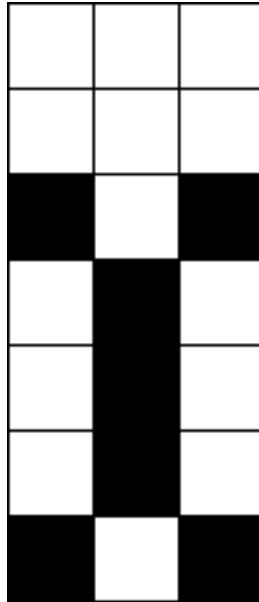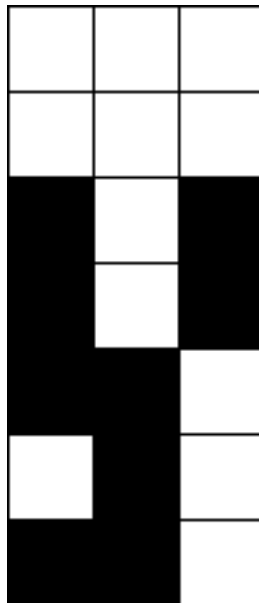116   &H74   t

117   &H75   u

118   &H76   v

119   &H77   w

120   &H78   x

121   &H79   y

122   &H7A   z

123   &H7B   {
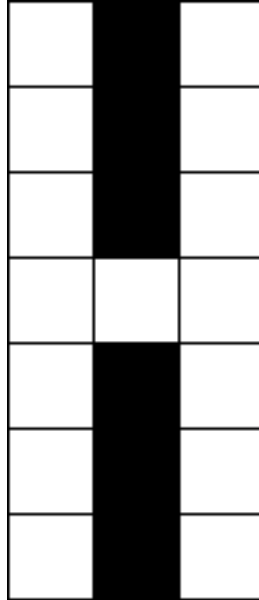Does not work correctly in VCC.
Use "CLEAR-," instead.
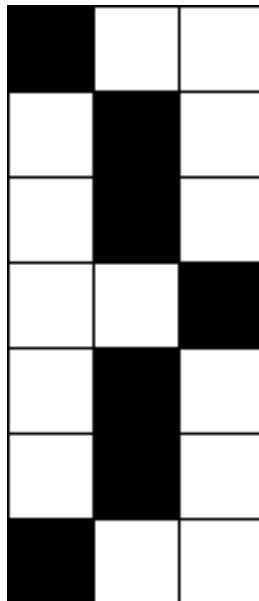
124   &H7C |
Does not work correctly in VCC.
Use "CLEAR-SHIFT-|" instead.

125   &H7D   }
Does not work correctly in VCC.
Use "CLEAR-." instead.

126   &H7E   ~
                      (tilde)
Does not work correctly in VCC.
Use "CLEAR-SHIFT-8 and then
BACKSPACE" instead.
"CLEAR-SHIFT-8" outputs ~| and
then BACKSPACE removes the |.

** END **