

0 = 111111111111,111011111111,111111101111  
1 = 111111111111,111110111111,11101111101111  
2 = 111111111111,11101101111111,11111011101111  
3 = 110111111111,11111011101111,1111110111011  
4 = 110111111111,11111010111011,1111101001111  
5 = 11011111101111,11101111011011,11111001011111  
6 = 11101111011111,11111101110101,110111010011111  
7 = 11110110111111,11011111101011,111101100010111  
8 = 11011110111111,11111011110101,111101010010111  
9 = 11110110111111,11011111101011,1111010100010111  
A = 11101101111111,1101110110100111,111101001000110111  
B = 11110110111111,1110110011101011,11110101001000100111  
C = 11011101111111,11111110101101,1111001101110111  
D = 110111101011111,1110100110110111,11111001100001001011  
E = 110111011011111,1111100101001100111,11100110100010101011  
F = 11110111011111,111100101101001111,111011100000001110111  
G = 110111101101111,111100101000110111,111100011000100101011  
H = 11011111011111,1111100101110111,111101011001001111  
I = 11101110111111,1111100101101001111,1111100100010011000111  
J = 110111101101111,1111001000111010111,11101010110000010111  
K = 111011011011111,1111001001011010111,1111010100100010100111  
L = 111011011011111,1111001001011010111,1111001010010001010011  
M = 111011101110111,11101100100101001111,111100010100010001011011  
N = 11011111101111,1111110010111011,1111001010100101111  
O = 11110111011111,111010110110100111,11101100010001101111  
P = 11110111011111,111110100101100111,11100110001001010111  
Q = 110111101101111,1111001010101100111,111100110000100101011  
R = 111011101101111,11100110100101001111,11101001000100010100111  
S = 110110111101111,11110111010011011,11110100001100101011  
T = 110110111101111,1111111001101011,1111001010101001111

U = 1111011011101111,111100110100101001111,11111000010001000101001111  
V = 1111011011101111,111100110100101001111,11111001010001000100001111  
W = 110110111011111,1110111100101001111,11110100011100110111  
X = 111011011101111,11111001001011010111,1111100010000100010100111  
Y = 110110111110111,1111011100010111011,111110100011010010111  
Z = 111011011101111,11111001001011010111,1111100010000100010100111  
a = 11110111011111,11110101101001001111,11111001010001000100001111  
b = 11110111011111,11110101101001001111,11111010010001000100001111  
c = 11101111110111,1111110010111011,1111001011100101111  
d = 11101011011111,111011011111001011,11111001100101010111  
e = 111011101110111,111100110100101001111,111110000010001000101001111  
f = 111011101110111,111100110100101001111,111101000010001000101001111  
g = 11110111011111,11111101001011001011,11110101000100001000011111  
h = 11110111011111,11111101001011001011,11111010100000001000011111  
i = 1111011101110111,11110010101101001111,11011011000011011011  
j = 1111011101110111,111100110100101001111,111110001010001000100001111  
k = 111011101110111,111101100100101001111,11111000101000100010010111  
l = 110111010111111,1111011111001011,1111010010001110111  
m = 11101011011011011,11111000110001010010111,11111000101001000100010001111  
n = 11110111111111,11101111110111,111111110011011  
o = 11011111110111,1111110010111011,1111000111011010111  
p = 111011101110111,111010100101101001111,1111100101000100010010001111  
q = 111011101110111,11110100101101001111,111100101000100010001001111  
r = 111011011101111,1111010110100100111,11110011000101010010111  
s = 11011110111111,1111110111010011,11101010010011101111  
t = 11101110110110111,11111001010001000110111,1111100010001001001010001111  
u = 111011101110111,111100110100101001111,111110001000100010010010111  
v = 111011101110111,111010100101101001111,11110101000100010011000111  
w = 11110111011111,1111010110101100111,11110101000100001001100111  
x = 111011101110111,1110110100101100010111,111101001000100010010001111

y = 11110111011111,1111010110101100111,11110101100100001000110111  
z = 11110111011111,1111010110101100111,11110101100100000100110111  
10 = 1101101101110111,1110101011000110010111,11111000100100100010100111  
11 = 111011101110111,111100110100101001111,111101001010001000100001111  
12 = 111011101110111,111100110100101001111,111011000010001000101001111  
13 = 110110111110111,1110101111001010111,11111010001101110111  
14 = 111011101110111,111110010110100101011,11110001100100010001010111  
15 = 11110111011111,1111010110101100111,1111010100000001100110111  
16 = 111011101110111,111011011000011011011,111100101011010001111  
17 = 111011101110111,111100110100101001111,111101001000100110100111  
18 = 111011101110111,111100110100101001111,111101001001000100010100111  
19 = 11110111011111,1111010110101100111,111000110010001010011111  
1A = 11110111011111,1111110100101100111,111101010001000010001100111  
1B = 111011101110111,111100110100101001111,111011010010001000101000111  
1C = 111011101110111,11111001011000110111,1111001100010010001010111  
1D = 111011101110111,111100110100101001111,11110100101000100010100111  
1E = 110111010111111,1111011111001011,1111010011001110111  
1F = 11011110111111,11111101111001011,111011101001110111  
1G = 1110110111110111,1111011100010111011,111100100111010010111  
1H = 11110111011111,1111101101001001111,111100110001000010101111  
1I = 111011011010111011,1111010100011001001111,1111100010010010100010001111  
1J = 111010110110111011,11111001100010100100111,111100010100100100010001111  
1K = 11110111011111,111101011010010011011,1111001010001000110001111  
1L = 1110101110110111,1111011001100101000111,111101001000010011000101011  
1M = 1110101101110010111,11110101000101001100111,111100100100011000001010111  
1N = 11101011011011011,1111011100010010100111,111100010100100100010001111  
1O = 111101110110111,111100110100101001111,1111001010001000101001111  
1P = 110111010111111,1111011111001011,1111010010011110111  
1Q = 11110111011111,1111010110110100111,111101100100001110111