

0 = 111111111111,111011111111,1111111011111  
1 = 111011111111,111111011011111,111111111101011  
2 = 111111111111,111101111111,1111111011111  
3 = 111111111111,111101111111,111111101101111  
4 = 111111111111,111101111111,1111111101111  
5 = 111111111111,111011011111111,111111110101111  
6 = 111011111111,111111011101111,111111101111011  
7 = 111101111111,111011110111111,111111110010111  
8 = 111101111111,111011111100111,111111101011011  
9 = 111111111111,111011111101111,111101101111111  
A = 111011111111,111111011110111,111111011001111  
B = 111011111111,111111101011011,11101101111001111  
C = 111011111111,111111101011011,11101001101101111  
D = 111111111111,1111110111111,11101111101111  
E = 111111111111,111101101111111,111110111101111  
F = 111011111111,111111101011011,1110100111101111  
G = 111011111111,111111101011011,11110011011010111  
H = 11101110111111,111011111010011,11110100101101111  
I = 111101111111,111011111010111,11110101001101111  
J = 11110101111111,111111101100111,11101100111010111  
K = 11110101111111,111111100110111,11101100111010111  
L = 11110110111111,1111011111001011,1110110001101111  
M = 11011110111111,111111011101011,1111101001100110111  
N = 11110111101111,111111101101011,11101110100111111  
O = 11110110111111,111011111101011,111110111000110111  
P = 11011111011111,1111110111101011,111110101001101111

Q = 11111011011111,1110111111101011,1111101010001101111  
R = 11101111110111,11111100101110111,1111001011100101111  
S = 11011111110111,11111100101111011,1111010111001001111  
T = 11101111110111,11110101001111011,111101101101000101111  
U = 11011111110111,1111011111011011,111110010111111  
V = 11110110111111,11101110111010011,11111010010001110111  
W = 11101111010111,11110100110111011,1111110011000010010111  
X = 11110111011011,1111010011110110011,111110011000001010111  
Y = 11011110111111,1111111101011011,11111001101110111  
Z = 11111010110111,11101100111101011,1111011100001000101011  
a = 11101111011011,1111100101000111011,1111100011000100101011  
b = 11101111101111,11111100101111011,1111101011001001111  
c = 11110111011011,111101011000011011,1111010001101100010111  
d = 11110111011111,11111001011010011,11111100100010011000111  
e = 11110110111011,1111100100101101011,1111101010010001010011  
f = 11110110111011,1111100100101101011,11111001010010001010011  
g = 11110111011011,1111011001001010011,111100010100010001011011  
h = 11101111110111,11111110010111011,11111001010100101111  
i = 11110111011111,111101011011010011,111101100010001101111  
j = 11101111011011,1111100101010110011,1111100110000100101011  
k = 11110111011011,1111001101001010011,11110100100010001010011  
l = 11101101111011,11110111010011011,111110100001100101011  
m = 11110111011011,111011010010111011,111110100110001001011  
n = 11011011110111,1111111001101011,11110010101010011111  
o = 11110111011011,1111001101001010011,111110000100010001010011

p = 11110111011011,111100110100101001111,11111001010001000100001111  
q = 11101101110111,1111011110010100111,11110100011100110111  
r = 11110110111011,111100100101101011,1111110001000010001010011  
s = 11101101111011,1111011100010111011,111110100011010010111  
t = 11110110111011,111100100101101011,111110001000010001010011  
u = 11111011101111,111101011010010011,11111001010001000100001111  
v = 11111011101111,111101011010010011,11111010010001000100001111  
w = 11110101101111,111011011111001011,11111001100101010111  
x = 11110111011011,1111010010111001011,111011011000010110111  
y = 11110111011011,1111001101001010011,1111100000100010001010011  
z = 11110100111011,11110011001010001011,11110101000001100010010011  
10 = 11111011101111,1111110100101100101,1111010100010000100001111  
11 = 11111011101111,1111110100101100101,1111101010000000100001111  
12 = 11110111011011,1111001101001010011,11111000101000100010000111  
13 = 11110111011011,1111001101001010011,11111010000100010001010011  
14 = 110101011100110111,1111100110000101001011,1111101010001000010000010011  
15 = 11011011110111,11111111001101011,11110010101011001111  
16 = 11110111011011,1111011001001010011,11111000101000100010010111  
17 = 1110110101110111,111101001100100011011,111110010100100000100010111  
18 = 11011101011111,1111011111001011,11111010010001110111  
19 = 111101011100110111,11110100100110000101011,1111001010000001000100010111  
1A = 1110110011101011,1111101010001001010011,1110110100001000010000010011  
1B = 11111011111111,111011111110111,111111110011011  
1C = 11101111111011,11111110010111011,11111000111011010111  
1D = 1110110011101011,111110010100010010001111,1111010100001000010000010011

1E = 11110111011011,11110010101101001111,111011011000011011011  
1F = 11101111011111,11111110111010011,11101010010011101111  
1G = 11110110111011,1111101011010010011,11110011000101010010111  
1H = 1110111011011011,11111001010001000110111,111110001000100100101000111  
1I = 1110110011101011,11111010100010010100111,111100101001000000100000100111  
1J = 11110111011011,111010100101101001111,11110101000100010011000111  
1K = 11110111011111,1111010110101100111,11110101000100001001100111  
1L = 1110111011011011,11110011010100111011,111110100010010010001111  
1M = 1111011010111011,1111011001001100010111,111101000100001000101000111  
1N = 11110111011011,111011001001010010111,111101001010001000101000111  
1O = 11111011101111,1111010110101100111,1111010110010000100011011  
1P = 11111011101111,1111010110101100111,1111010110010000010011011  
1Q = 111011011010111011,11110101000100110010111,111110001001000010001010011  
1R = 11101110101101011,1111001011001000101011,11110010001000100010010011  
1S = 11110111011011,11101101010011001011,1111001010001000101000111  
1T = 1110110110111011,111010101100011001011,1111100010010010001010011  
1U = 11101101111011,111010111100101011,111110100011011011  
1V = 11110111011011,111100110100101001111,11110100101000100010000111  
1W = 11110111011011,11101010010110100111,111110010100010001001000111  
1X = 11110111011111,1111010110101100111,111101010000001100110111  
1Y = 111101110111011,1110110111000011011011,11110010101101000111  
1Z = 1111010111011011,111011001001010001100111,11101100001010001001000011011  
1a = 11110111011011,111100110100101001111,11110100100100010001010011  
1b = 11110111011011,111100110100101001111,1110110000100010001010011  
1c = 111101110111011,11110110010010100111,11110010010001010100111

1d = 11110111011011,111100110100101001111,111011010010001000101000111  
1e = 11110111011011,11111001011000110111,1111001100010010001010111  
1f = 11110111011011,1111101001101001010111,1111011000100010011000111  
1g = 11110111011011,1111001011001010111,1111011100110000001010101  
1h = 1110111011011011,11110011010100111011,1111010100010010010001111  
1i = 11110111011011,1111100110100101001111,11110100101000100010100111  
1j = 1101110101111111,111110111111001011,1111010011001110111  
1k = 11011110111111,11111101111001011,111011101001110111  
1l = 111011011111011,11111011100010111011,111100100111010010111  
1m = 11111011101111,11111110110100100111,11110011000100001010111  
1n = 11111011101111,111101011010010011011,1111001010001000110001111  
1o = 1111010111011011,1111011001100101000111,111101001000010011000101011  
1p = 1110111011011011,11110011010100111011,11110100010011010001111  
1q = 111011011010111011,111101010001100100111,111110001001001010001000111  
1r = 11111011101111,11111110100101100111,111100110001001010111  
1s = 11110111011011,1111100100011101011,111101011101000011011  
1t = 11110111011011,111100110100101001111,111100101000100010100111  
1u = 1111011010111111,111011111001101011,11111010001110010111  
1v = 11111011011111,1110111111001011,1111010100011110111  
1w = 1110111011010111,1110110010100011001011,111100110001000000100001001011  
1x = 11011110111101011,1111100101001101111,11111001001100100010111  
1y = 1110110110111011,111010101100011001011,111110001001001000101001011  
1z = 1101110101111111,11111011111001011,1111010010011110111  
20 = 11101011111111,111111101011011,111110011011101011  
21 = 1111101110111111,1111010110110100111,111101100100001110111