

0 = 111111111111,110111111111,111110111111,111111101111  
1 = 111111111111,110111111111,111111011111,111110111011  
2 = 111111111111,110111111111,111110111011,111111010111  
3 = 111111111111,110111011111,1111101111011,111111011011  
4 = 110111111111,1111011111011,1111101110111,111111010111  
5 = 110111111111,1111011110111,1111101111011,111111001111  
6 = 111101111111,1101111110111,1111110101111,111110011011011  
7 = 111101111111,1101111110111,1111110101111,111110110011011  
8 = 111011111111,1101111011011,111111011101011,11111101001111  
9 = 110111111111,1111110101111,111110011101111,111110110011011  
A = 111101111111,1101110111011,111111100101111,111100101101111  
B = 1101111110111,11110111011011,111110010111111,1111101110100111  
C = 1101111110111,11110111011011,111110010111111,1110110110100111  
D = 1111010111111,11011111101011,11101110011011011,1111100110100111  
E = 1101111101111,11110101110111,1110111011001011,11111001000110111  
F = 1111011011111,111011111010011,11101000101101111,11110101100011011  
G = 1110111101111,111101001110111,11110111010011011,1111101000110001011  
H = 1110111101111,111101001110111,11110111010011011,11111011000100010011  
I = 1101111110111,111110010111011,11101011100101111,1111100110000100101  
J = 1111011011111,1110111000110111,1111101011001011,1111011000100100101  
K = 1111011011111,1110111000110111,1111101011001011,11110110001001000011  
L = 1111011011111,1110111000110111,1111101011001011,11110110000010001011  
M = 1110111011111,11111011101011,111101001101100111,111101101000011011  
N = 1101111110111,111110010111011,11101011100101111,1111100100001101011  
O = 1111011011111,11101110001110111,11111010111001011,111110001001001011  
P = 1111011011111,11101110001110111,11111010111001011,11111010000100100011  
Q = 1111011011111,11101110001110111,11111010111001011,11110101001000100011  
R = 1111011011111,11101110001110111,11111010111001011,111101100100100011  
S = 1110111101111,111101001110111,11110111010011011,11111010000100010111

T = 1111011011111,11011110001110111,11111010111001011,11111000100100011011  
U = 1111011011111,11011110001110111,11111010111001011,11111010000100100111  
V = 1111011011111,1111100101101001111,1110110010001111011,11110010100010001011  
W = 1110111110111,1111101011111011,111011110110001111,111110010010111011  
X = 1111011011111,111010111000111011,1111100101101001111,11110100100010011011  
Y = 1111011011111,111010111000111011,1111100101101001111,11110100100010010011  
Z = 1111011011111,111010111000111011,1111100101101001111,11110101000100010011  
a = 1110111011111,1111010010111001111,11110011100010101011,1111010100010010011  
b = 1111011011111,111010111000111011,1111100101101001111,11110100100010001011  
c = 1111011011111,111010111000111011,1111100101101001111,11110100100010001011  
d = 1110111011111,1111010010111001111,11110011100010101011,111110010000010010011  
e = 1111011011111,1111000111010100111,111011101000010011011,1111000010010001010011  
f = 1111011101111,111110010110100111,1110111010000111011,11110010100010001011  
g = 1111011011111,111110010110100111,1111011010001101011,111100101000100010011  
h = 1111011011111,1111000111010100111,1110111000001101011,1111010010010001000011  
i = 1111011011111,11110010111000101011,111101100001010011011,11110100010010001000011  
j = 1111011011111,1111001101001010111,11101100001110110011,11111001000010001001011  
k = 1111011011111,11101010111100111,11111011010011011,1111011000100101011  
l = 1111011011111,11101100101000111011,1111011001100001111,1111100001000100010011  
m = 111101011101111,1111101001010010111,111100110000110011011,11110110001000100010011  
n = 111101101110111,11101100101000111011,111110101000110100111,1111100001001000010011  
o = 111101101110111,11101100101000111011,111110101000110100111,1111100001001000100011  
p = 111011101110111,1111101000010110011011,1111010011000010101011,111010011000101001000011  
q = 111101101110111,11101100101000111011,111110101100110000111,111110010100000010001011  
r = 111101011101111,1110110011010011011,1111001001011010111,111110001000000100011011  
s = 110111111101111,1111110010111011,11101011100101111,11110100100101001111  
t = 111101101110111,1111010100110100111,111011100001000110111,111110000100100010001011  
u = 111101101110111,11101110000101011011,11110010110010001111,1111010010010001000011  
v = 111101101110111,11101100010100011111,111101011001010011011,111101001000100010001111

w = 1111011011101111,1110111000011011011,1111000111010010111,11110100100100010001111  
x = 1111011011101111,11110101100101001111,11101100010100110111,111110000100100010010111  
y = 1111011011101111,11011001100010110111,11110101001100011011,111101001001000101000111  
z = 1111011011101111,111011001001100010111,1110011010000101000101011,1111000010010100010010111  
10 = 1111011011101111,1110111000011011011,1111000111010100111,11110010100100010001111  
11 = 1111011011101111,1111000101011100111,11101101100001011011,111101001001000100001111  
12 = 1110111011101111,1111001011010010111,1110101100000100110111,11110110001001000100001111  
13 = 1111011011101111,11110101100110000111,1110110010100011001111,1111100010010000100010111  
14 = 111101101111111,11110111000111011,11111010111001011,1111010100100001001000111  
15 = 1111011011101111,1110101010111000111,111011000100010110111,1111010010010001000011011  
16 = 111101101111111,11111010111001011,1101100110001110111,1111010100100101000001101  
17 = 110111111101111,1111110100111011,111010111001011011,11110100010101001111  
18 = 1111011011101111,11110011010100100111,11011100001100101111,1111100001001000100100111  
19 = 1110101101110111,111011000110100100111,111001101000100001101011,1111100010100100010001011  
1A = 111011111101111,1111110101111011,111001011011001111,111111001100101011  
1B = 110111111011111,1111101001111011,11101111011001011,111010011010111011  
1C = 111101110111111,111010111000111011,1111100101101001111,1111010010001001100111  
1D = 1110111101101111,1111001010011101011,11110110011010001011,1111010001000010010001111  
1E = 1110110111101111,1111100101000111011,11110110011010001011,1111010001000010010001111  
1F = 1110110111101111,11111001010011101011,11110110011010001011,1111100010010000100010111  
1G = 111101101111111,11111010111001011,1101100110001110111,111110010100010000010111  
1H = 111101101111111,11111010111001011,1101100110001110111,11111001010001000011011  
1I = 111110111011111,111100101101001111,1110010100011010111,1111011000100010001001011  
1J = 111101101111111,11111010111001011,1101100110001110111,11110011001010000010111  
1K = 110111111101111,1111101001111011,111100111011001011,1110110001010110111  
1L = 1111011011101111,11111010100110100111,1110110010010001100111,1110110000100100010100111  
1M = 111101101111111,11111010111001011,1101100110001110111,111101010010000100100111  
1N = 1110110111101111,11101111100101011,1111100010011011011,11101011001010001111  
1O = 111101101111111,11101110001110111,11111010111001011,11101010010010001001111

1P = 1111010111101111,111110110010110111,1111010001110101011,111011010100100010111  
1Q = 11110101110110111,11101101000011010111,1110110001011000101011,1111001010001001000010111  
1R = 1110110111011111,1111001011010010111,11110111000010010101011,1110101001100100000100111  
1S = 111101110111111,1111100101101001111,1111010011001101011,1111001010001000100111011  
1T = 111101101111111,111110101110010111,1101100110001110111,1111001100101000011011  
1U = 110111111011111,1111100101111011,11101111011001011,111010111000111011  
1V = 11110101110110111,11110110100001101011,111011000110100011011,1111000101000100100001111  
1W = 1111011011101111,1101100110001011011,11110101001100011011,111100100100100010101011  
1X = 11110101110110111,1110110110001101011,111110001001010011011,1111001010001001000010111  
1Y = 11110101110110111,1110110110001101011,111110001001010011011,111100101000100100001111  
1Z = 111101110111111,111110010110100111,1110110110000111011,111110001000100010010111  
1a = 111101101111111,11110111000111011,11111010111001011,11110101000000100101111  
1b = 11110101110110111,11110110100001101011,1111001000110100011011,1111001010001001000011011  
1c = 111101110111111,111110010110100111,1110110110000111011,111100101000100010010111  
1d = 1111011010111111,11101111111001011,111010111000111011,1111001001101100111  
1e = 11101101110101111,11110101100010100011011,1110110000101001101011,1111000100100010100100111  
1f = 10111111111011,111011101110111,1111011110011111,111110010111111  
1g = 1111010111011111,1110110011010010111,1111001010001100011011,11110100101000100010010111  
1h = 1110110111011111,1111001011010010111,1110101100011000100111,11110011001000100010100111  
1i = 1110110101110111,111011001001100010111,1110101010000110100101001,1111000100101000100100111  
1j = 1110111010110111,1111101001100100010111,1110100011000011010001011,1111001100010100001001011  
1k = 111101101111111,110111011110111,111111110011011,11110001110101111  
1l = 111011110111111,111111011101011,111101101000110111,11111000010110010111  
1m = 111011110111111,1111010011110111,11110111010011011,111101100001000101111  
1n = 111101101111111,11101110001110111,11111010111001011,111101100100010001111  
1o = 111011111011111,1111110100111011,111001011110010111,111101100001000101111  
1p = 111011111011111,1111110100111011,11101011100010111,111101100000100101111  
1q = 1111011011101111,11101100101000111011,11110101000110100111,1111100001000100010010111