

O = 111111111111,110111111111,111110111111,11111111101111  
1 = 111111111111,111011111111,111111101111,11111011110111  
2 = 111111111111,111101111111,11101111110111,11111110101111  
3 = 111111111111,110110111111,11110111110111,11111110101111  
4 = 110111111111,111101110111,11111011111011,11111101110111  
5 = 111101111111,110111111011,11111101101111,110111110111011  
6 = 110111111111,1111011111011,11111101101111,111101110011111  
7 = 110111111111,1111011110111,11110111011011,1111111001011111  
8 = 111011111111,11110110110111,11111001110111,1111111010011111  
9 = 110111111111,11110110111011,111110011110111,111111010011111  
A = 111011111111,11111010111011,111111011001111,11101001110110111  
B = 110110111111,11110111101011,111111101011011,11101001011101111  
C = 110110111111,11111110110101,11101011110011111,111110100101110111  
D = 111101101111,11101111101011,11110111000110111,11111000111010111  
E = 111101101111,11011111101011,1111100110101011,111010110001110111  
F = 111101101111,11011111101011,1110110001011011,111110011010010111  
G = 111101101111,11011111101011,111010110100110111,1111110001010010111  
H = 111011111011,11111010111011,1111001011011001111,111101011000010110111  
I = 111011101111,11101111001011011,111100101110010111,111101100010000101111  
J = 111110111011,11110010110110111,11101110011100011011,111010011010001011001111  
K = 111011101111,11110011100011011,111110100101101011,111100110001000100101111  
L = 111011110111,1111110011101011,111011010100111011,1111010010011000101111  
M = 111101101111,11111011010001101011,11101000101110011011,1111001010010000100101111  
N = 110110111111,1111011111001111,1111101101011111,11111111011101011

O = 111101101111,1110111111011011,111011100011101011,111101010110001110111  
P = 11101110110111,11111011010001101011,1110110000111100110111,11111001010010000100101111  
Q = 11101110110111,11111011010001101011,1110110001110100110111,11110010100001001100011111  
R = 111011011111,1111111101011011,11101010111100011111,1110111000101110111  
S = 11101110110111,11101001110100110111,11111011000101101011,1111101001010001000101111  
T = 11101110110111,11111011010001101011,1110110000111010011011,111110101100001001000011111  
U = 11101110110111,11111011010001101011,1110110001110100110111,11110010100001001000011111  
V = 111111011111,1110110111110111,1111001110111111,1111111110010111  
W = 11101110110111,1111011000101101011,1110110010110100110111,11111001010001000100101111  
X = 11101110110111,11111011010001101011,11101100001110100110111,1111000110010000101001111  
Y = 11101110110111,11111001011010011011,11111011000101101011,1111100101000100010010111  
Z = 11101110110111,111110010110001101011,1111001100010010100010111,111101010001010000010011001111  
a = 111011101111,1111101001110010111,1111101110001101011,11110110001001001110111  
b = 11101110110111,11111011010001101011,1110110001110100110111,11111001010010000100101111  
c = 11101110110111,11111011000101101011,111010010110100110111,11111100101000100010010111  
d = 11101011011011,1110101101100001101011,111101100010110100011011,1111100100010001000100101111  
e = 11110110110111,111110011000101101011,111101010100110000110111,11111010010010000100010001111  
f = 111011101111,1111010011110010111,1111101110001101011,111101100100010011001111  
g = 11101110110111,1110100111010011011,11111011000101101011,11111001010010001000101111  
h = 11110011101011,11110101101000110011011,11110110000110010101011,111110001010100001001001001111  
i = 11110111010111,11101100010110100111011,11101011001000110010111,11110100100000100010100101111  
j = 11110111010111,111010011001100101011,11101010110000100010100111,11100110000010100001001101111  
k = 1110111101100111,11111001100010110101011,111101010100110000110111,1111100011001000010001001111  
l = 11101111110111,11111010101111011,11110110010110011111,111101001110011010111

m = 1111011010110111,111011000101101001110111,111101011001000110010111,11111001010001000001001010111  
n = 1110111011011011,1111011010110000101111,111101001100001101011011,1111100010001001000101001111  
o = 111011011010110111,11110101001100110010111,111101000101100001100110111,111110010010000101000100101111  
p = 11101111011111,11111100111010111,1110101111101100111,1110110101001111111  
q = 1110110101111111,1111111001101101011,111101011101000110111,1111100100001011001011111  
r = 1110110111011111,111111101001101011,11110010101110011011,11110100011000101101111  
s = 111011101110111,1111010011011001001111,1111011010000110110111,111110010100010000100101111  
t = 1110111011101111,11111010010010110001111,11100101000110010001001011011,111110100100010001100010010111  
u = 1111011010110111,111101010011001000110111,11110010010000101000110010111,111101001100010000100010110111  
v = 1111011101101111,1111101000110100101111,111101001100010100010010111,111101011000100010001001001111  
w = 1111011101101111,111110100110010110111,1111001100011000010101011,111101010010001000100100101111  
x = 11110111111111,1111111010110111,111011001011101001111,111101011001001110111  
y = 111110111011111,1110111111101011,1110111101001110111,1111100011110110111  
z = 11101101111111,111111110010111011,11101011101110001111,11111100011010110111  
10 = 1110110111110111,1111111010100111011,111010111000111010111,1111011001110100110111  
11 = 11111101111111,1111011111011011,11110111001101010111,1111101001010100110111  
12 = 11101111111111,1111111011011011,11110100101111001111,11111010111001011011  
13 = 11110111111111,1111111101101011,11011101110100110111,11110100011101101111  
14 = 1110110111101111,111111111001101011,11110101000011110111,1111100101110100011111  
15 = 11111011101111,11110111111001011,11110101001001110111,1111100101000110101001111  
16 = 11101111101111,11111111011101011,11110101101000110111,111101100100111001111  
17 = 1110111101110111,1111111000101101011,111010011110100110111,111101001010001100101111  
18 = 11110111011111,111110100111101011,11111011110100110011,11111010100010001001001111

19 = 11110110110111,111110010110011010111,1111100101001010010100111,111100110010000100010101001111  
1A = 1110111010110111,1111010011001101100111,11111000110001010010010111,111101010010010000010101001111  
1B = 11101110110111,111110010110010110111,11110010101001001000101111,11110011000100010001001010111  
1C = 11110110111111,1111011101110010111,111101001010101110111,11111001101000110000101111  
1D = 11101101110111,11111111001101011,11110101000111110111,1111100101110100011111  
1E = 1111011010110111,11101100100111001011011,1111010101001001100011011,111101000110000100010010011111  
1F = 111101101110111,1110110001110100110111,1111101101000110101011,111110101100100001010010111  
1G = 11101101011011011,11101110011010001100111,111100101100011010010111,111110001001010001000010011111  
1H = 11011110111111,11111111101011011,11111001011110111,1110101110110011111  
1I = 111101110110111,111110110001011010111,1110110001110100110111,1111100101000100010001011111  
1J = 111011011101011011,11110101001100110010111,11110110010101000001100111,11110001001000101001001010111  
1K = 11011111110111,1111011101011111,111101001111110111,1111011110110011011  
1L = 11111011011111,1110111111011011,111101001110101111,11111011100011101011  
1M = 11111011011111,11101111111011011,11110111000111010111,111101010110001110111  
1N = 11101111110111,111111010101111011,11110111110010010111,111101001011001110111  
1O = 1111010111011011,111101101100001101011,11110100001011010011011,11111010010001000100010010111  
1P = 1110111011101111,111010011110100110111,111110110001011010111,11111001001010001000101111  
1Q = 1110110111101111,11111111001101011,1111010001011111011,1110101101110100011111  
1R = 11011110111111,1111111110101101,11111001011110111,1110101110110111011  
1S = 111011011010111011,1111011001100100101011,1111010101000011100100111,11111000100100100000101001111  
1T = 111101110110111,11110110100011010111,1111010000111010011011,11111010110000100101001111  
1U = 111011011010111011,111100101100010110010111,11101100010000110100010010111,111010010101000000110011001111  
1V = 11101111110111,11111010101111011,11110110010110011111,111101011110010100111