

0 = 111111111111,110111111111,111111101111  
1 = 111101111111,110111011111,1111111101011  
2 = 111111111111,111011111111,111111011111  
3 = 111111111111,111011111111,1111110110111  
4 = 111111111111,110110111111,1111111010111  
5 = 111101111111,1101111101011,111111001101111  
6 = 111111111111,111011111111,1111110110111  
7 = 111111111111,111011110111,11111101011111  
8 = 111101111111,110111111011,1111110101111  
9 = 111011111111,111111011101,1111110110011111  
A = 111101111111,1111111011011,110110011101111  
B = 111011111111,11111101011011,11110100110110111  
C = 1111011101111,1101111110101,11111011010011011  
D = 110111111111,1111010111011,111110110011111  
E = 111011111111,11111101011011,1111001011101111  
F = 111011111111,11111101011011,11110010111010111  
G = 110111111011,1111001101111,1111010111001011  
H = 110111111011,11110010101111,1111011110010011  
I = 110111111011,1111001011111,1111010110100111  
J = 111011111111,111110100110111,1111001011101011  
K = 110111111011,1111011101101,11111001011111  
L = 110111111011,1111010111101,111101100101111  
M = 111011011111,1101111101001,1111010001101111  
N = 110111111011,1111001101111,11110101101001011  
O = 110111111011,11110010111011,11110101100100111  
P = 111011011111,11111111001011,111101011100111  
Q = 110111111011,111110010111011,1111010111001011  
R = 111011110111,11110100111011,11110111010011011  
S = 110111111011,111110100111011,11110101100010111

T = 111011110111,1111110100111011,111101001101001011  
U = 111101110111,1111010001011011,111011011100001011  
V = 111011101111,111110111101011,1111011010011011  
W = 111011101111,111010011101011,11111010000011011  
X = 111011011111,1111010111001101,11110110000110101  
Y = 111101101111,111011001110101,111110100100011001  
Z = 111101101111,111110010110100,111011100100000110  
a = 111101110111,11111101011001,111101001100010111  
b = 111101110111,1111101001011001,11110100110001010  
c = 111101110111,1111100101101001,11110110010001010  
d = 111101110111,1111100101101001,11110101000100110  
e = 111101110111,1111100101101001,11111000101000110  
f = 111101011101,11101100110010101,11111001010001000  
g = 110111111011,111110100111011,11110111001000101  
h = 111101110111,111110100101001,11111010001000101  
i = 111101011101,111011001101001,11111010001000110  
j = 111101101111,1111101001011001,11110100110001001  
k = 111101110111,1111100101101001,11111001010001000  
l = 111101110111,1111100101101001,11111001001000100  
m = 111101110111,1111100100101001,11111001010001000  
n = 111101111011,1111101100101101,1111010100110001  
o = 111101110111,1111100101101001,1111001010001000  
p = 111101101111,1111100101001001,1111001010001000  
q = 111101101111,1111100101001001,1111100010001000  
r = 111101101111,1111100100100101,111100100001000  
s = 111101101111,111110010010101,1111001010001000  
t = 111101011101,111011001101001,1111100101000001  
u = 111011101101,1111101001011000,1111100010001000

v = 111101101111,1111100101001001,1111000100010001  
w = 111101011101,111011001101001,1111010010001000  
x = 111101101111,1111100100101001,1111100010000100  
y = 111011101111,1111101001011000,1111100010001000  
z = 111101101111,1111100101001001,111100010001000  
10 = 111101101111,1111100101001001,111101010001000  
11 = 111101101111,1111100101001001,111100001000100  
12 = 111101101111,111110101001001,1111100010001000  
13 = 111101101111,11101111101001,111101010001101  
14 = 111101101111,11101111100101,111101010001101  
15 = 111011111011,1111101100101,1111010001100100  
16 = 111101011101,11101100110100,1111001010001001  
17 = 111101101111,1111100101001001,11110100010001  
18 = 111011011011,11110101001100,111011001000001  
19 = 111011011011,1111010100011000,11111000100000  
1A = 111011011101,1111011101001,111101000011101  
1B = 111101101111,1111100101001101,11110011001000  
1C = 111011101101,1111010010001001,11110000010000  
1D = 111011011111,11110101111001,111101110001101  
1E = 111011111011,111111010011101,11110011001001  
1F = 111101101111,111100101001101,111110001001000  
1G = 111101101111,1111100101001001,11110010001000  
1H = 111101101111,1111100101110001,1110111010000  
1I = 111101101111,1111010100110100,1111100011001  
1J = 111011011101,1111001010001100,111110001001000  
1K = 111011011011,111101010011001001,11101100010000  
1L = 11101011001101,1111100101001001,11110100010000  
1M = 1110110111001111,11101101000010001001,1111000000

1N = 111011011101,11110010100110001,11110010010001  
1O = 11101101001101,11110010100011001,111101000100  
1P = 111011001101,111011001000101001,111100101001  
1Q = 111011011001,11101101000010001001,1111000000  
1R = 111011011001,11101101000010001001,1111000000  
1S = 111011111011,1111111001101011,11110011010100  
1T = 111011101111,111100100101101011,111100101000  
1U = 111101110111,1111101001001011001,111100010100  
1V = 111101110111,1111100101101001,11100110001000  
1W = 111101101111,11111010111001,11110110011001  
1X = 111101110111,1111100101101001,11101110110000  
1Y = 111011101111,111101001011011001,111100110100  
1Z = 111011011101,1111010010001100101,111100100100  
1a = 111101101111,11111000101001101,111110001001000  
1b = 111101110111,1111101001011001,111101010001000  
1c = 111101011101,11101100110100101,11111001010001  
1d = 111101110111,1111100101101001,111100110001000  
1e = 111101101111,1111100101001001,111101010001000  
1f = 111101011101,11101100110100101,11110100101000  
1g = 111101110111,1111100101101001,1111101010001000  
1h = 111101011101,11101100110100101,111101100001000  
1i = 111101011101,11101100110100101,1111100101001  
1j = 111101110111,1111101001011001,11100110000101  
1k = 111011101111,111110100101101,111101110000100  
1l = 111101101110,1111100101001001,111100100001000  
1m = 111010111011,11110100110001101,1111001010001  
1n = 111101011101,11101100110100101,1111001010001  
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1p = 111101101110,1111100101001001,111110100010001  
1q = 111011011101,111110010100110001,11110001001000  
1r = 110111011101,111110100101001100,111110010001  
1s = 111011011101,111110100110001001,11110001001000  
1t = 111101011101,11101100110010101,11111010010001  
1u = 111101011101,11101100110100101,11111001010000  
1v = 111101011101,11101100110100101,11111100010000  
1w = 111011011101,111110101110001,1111001010010000  
1x = 111101011101,11101100110100101,11110100101000  
1y = 111101101110,111011000101000101,111101000001000  
1z = 111011011101,11111000101101101,111101110001001  
20 = 111101101110,1111100100101101,111100100010001  
21 = 111101101110,1110011101001001,111101010001000  
22 = 111011011101,111110111100101,111110100011100  
23 = 111011111101,111111101001101,11110110010101  
24 = 111101110111,11111010111001,111110100010001  
25 = 111101111011,1111101100101,1111101000110001  
26 = 111101110111,11111010011001,1111010100100000  
27 = 111101101110,111110010010101,1111010100001000  
28 = 111011011100,11111011000010001,1111100001010000  
29 = 111011011101,111110010100011001,1111100010010000  
2A = 111011011101,111110010100011001,1111100010010000  
2B = 111101110111,11111001011001,1111010100010001  
2C = 111101011101,11101100110100101,111001010001001  
2D = 110111101111,1111100111101,111011101001101  
2E = 111011111101,111111101001101,11100110011101  
2F = 111011101110,11111010000101001,11110100110000  
2G = 11101011001101,111011001000101001,111100101000000