

0 = 1111111111111111,1101111111111111,1111101111111111,111111111111011111  
1 = 1111101111111111,1101011111111111,111111011111011111,11111111111101101111  
2 = 1111111111111111,1110111111111111,1111110111111111,1111111111011111  
3 = 1110111111111111,1111111101111111,1111111111110111,111110111110111111  
4 = 1110111111111111,1101111111011111,1111101111101111,111111011111101111  
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6 = 1111111111111111,1111111101111111,1110111111110111,111110111110111111  
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8 = 1111111111111111,1101111111011111,1111010111111111,111111110111011111  
9 = 1111101111111111,1111011111011111,1111110111011111,111111111101110111  
A = 1110111111111111,1111101011111111,1111111101110111,110111111110011111  
B = 1110111111111111,1111101011110111,111111110011110111,111111111010011111  
C = 1111111111111111,1111011111111111,1111111101111111,111111111011011111  
D = 1110111111111111,1111011101110111,1111110111011111,11111101110110101111  
E = 1111011111111111,1111111101110111,1111111110111011,111011101011111111  
F = 1111101111111111,1110111111011111,1111011111101111,111111110111011111  
G = 1111011111111111,1110111101110111,111111110111101111,111111111001101111  
H = 1111011111111111,1101111111010111,111111101011101111,111101001011101111  
I = 1111101111111111,1111111101110111,1111001111110111,11111011010011101111  
J = 1111111111111111,1111011111111111,1111111110111111,111111101111011111  
K = 1111101111111111,1110111111011111,1111110111011111,11110111010111011111  
L = 1111101111111111,1110111111011011,1111111111011011,111110110011111111  
M = 1111101111111111,1110111111011111,1111111101110111,11110110011110111111  
N = 1110111011111111,1111111101110111,1111001011110110111,111110111010011101111  
O = 1111101111111111,1111111101110111,1111001011110110111,111110110100011101111  
P = 1111011111111111,1111111101110111,111011101011110111,111111001111011111

Q = 1101111111110111,111101110111111011,111110101110111111,11111001101110111111  
R = 1110111111110111,111111011001111111,11110111101011110111,111110011101101111  
S = 1111010111111111,111111101101011111,1111010101111100110111,111110011100101101111  
T = 1110111111111111,1111101101111111,1111111011101111,111111111101110111  
U = 1110111111111111,111110011111110111,11111110111101110111,111111111011011111  
V = 1111101111111111,111101111101110111,1111110111011111,11111101100011011111  
W = 1101111111110111,1111011110111111011,111111010111011111,1111101110110011101111  
X = 1111010111111111,110111111100111111,1111111101110111,11111011011101101111  
Y = 1111010111111111,111111110111011111,111110101111100110111,1111101110010111011111  
Z = 1111101111111111,11110111011100101110111,111111011101110011011111  
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b = 1110110111111111,11111111011001011111,11111001110101110111,111110101111001101111  
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f = 1110111111101111,11101111101110111,1111101011101110010111,1111101011010011101111  
g = 1111011111110111,1111011101110010110111,111110110111001011111,1111101010111001001110111  
h = 1110111111111111,11111011110110111,1111111011101111,11111101110111011  
i = 1111110111011111,1111011111110010111,1111011001001110110111,1111101101100100111011111  
j = 1111011011111111,111111110111011111,1111010101111100110111,111111001110010111011111  
k = 1111110111110111,111110111101110111,11110110010111101111,11111011110100011011111  
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q = 11111011101110111111,11101110111111101111,111110100111100101011111,111111101001010011011111  
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s = 11101111110111011111,1111101001111110111,111101011101001110111,11111010011011010111,111110100101011000110011111  
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u = 111011011111110111,1111111100101101111,1111011101111001011011,111110011011011110111  
v = 1111010111110111,1111101110010101110111,1111101100011011010111,11111010100011010001001101111  
w = 1111011011110111,111111010011101101001111,111110011010010001101111,11111010011000110001001001011111  
x = 111011111101110111,11111011001111110111,1111011011101001110111,11110110110111100101111  
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z = 1110110111110111,1111101110100101110111,111100110011100110111,1111011000110001001011111  
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11 = 1110111111011011,11111011001111110111,1111011011011110010111,1111101101101001110111  
12 = 1111011011011111,111111110111001010111,1111101100101110101001111,11110110111000011011011111  
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14 = 1111011011101111,111110101110110010110111,111100110010111100110111,11111010011000100101101111  
15 = 1111101111011011,11110110111001011010111,111101100101110010111,111110101001010001001011111  
16 = 1111011101101111,111110011001001110110111,1111101010111010011001111,11111100101000100010001101111  
17 = 1111011011101111,111111011100101110010111,111111001010111000110111,111111010101000001001010011111  
18 = 1110111111011011,1111101011111110111,11111101001110010111,111110110011101001110111  
19 = 1111011101110111,11111011110001101010111,11110100010111001010111,111110100110100010011001111  
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1B = 111101101110110111,1111101011100101110111,1111100110011110010111,1111101001100010001011111  
1C = 1111011101110111,11111011110001110010111,11110110001011100101111,11111010110100010010011001111  
1D = 1111011011110111,1111101100100010111010111,11111010010111000100011001111,11111000111000010100100100111111  
1E = 1111011101101111,1111101110110001100110111,111110100100011000110010111,111111001100001000100100101111  
1F = 1111011110110111,111110111001100101001111,1111110011010100110111,111111000110100010001100101111

1G = 1101111011111111,1111101111110110111,1111111110101111011,11101111010011101111111  
1H = 111110111101101111,11110111011001011101111,111111000101110100110111,1111101011101000110101111  
1I = 1111011101110110111,1111101100100011011010111,111110100110100010110111,111110100101011000110011111  
1J = 11101101111110111,111110111010011010111,11111010101011100110111,111110100110011001010101111  
1K = 111101101101110111,1111100111000101011010111,11111001001001110100011010111,11111010100100000100110001101111  
1L = 1111011011110111,11111011000110011010111,111110100011011010111,111110100011100100010011010111  
1M = 1111011011110111,1111101100101001010100111,11111001000100010001001001010111,111110011000101001101010111  
1N = 111101101110111,1111101100010010110010111,11110110001101001001001111,1111110100110000010100010001010111  
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1P = 1111011101110111,111110110001001110010111,1111011000110010010011111,11111010001100100100111111  
1Q = 111101101110110111,111110101101001010111,11111100001100010010010011111,11111010000011000101010111  
1R = 1111011011110111,1111110011011001010111,1111101001010001100011001111,11111010001100001000000101010111  
1S = 1111011101101011,1111100101001100110010010111,111100110110001100010000100010011111,1111101010010001000100010011111  
1T = 111101110110110111,11111001001100110010010111,1111011000110001100010000100010011111,111110100010001000100010011111  
1U = 1111011101101111,11111011101100110010111,111110100110001000100010001001111,111110100110001000100010011111  
1V = 111101101110110111,1111101100111000110010111,111110110001011000101111,11111010001010001000100010011111  
1W = 11110110110110111,11111010110100100110001111,111110110000011000101010111,111111000001100010010010011111  
1X = 11110110110110111,11111010110010110110001111,111110100110001001010111,11111010011000100100100110011111  
1Y = 11110110111110111,11111110011010111011,11111100111001010111,111110101100011110011111  
1Z = 1110110111110111,1111101110110011110111,1111101001011101001111,1111101001011101001111,111110111000101101010111  
1a = 111101101110110111,111110101100111000111010111,11111010010100010100010000000110010101111  
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1c = 1111101110110110111,11111010010011000110010111,1111101011000010010010010111,1111101000100010001001001011111  
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1f = 1111010110110110110111,111110011110001010010101111,11111010100010100110011000011111,111110100100110000001000101010011111  
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1h = 111101110101110110111,11111011101001110001010111,111110100110001001001010111,11111010100010100010010011111  
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1k = 111101101110110111,111110110001100110001111,11111001001001001100010111,111111000100100100010001000100101111  
1l = 1101111101110111,1111101110101111,111110111010111111,111110101110101111,111110101110101111,1111101001100010001000100101111  
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1n = 11101101110110111,1111111101101110010111,1111101101100101110111,1111100011010111011010111  
1o = 1111011101110111,111110110010110010111,1111101100110010111,11111010001100010010010111,11111010000110001000100010011111  
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1s = 1111011101101011,11111001001100110010010111,111110100001001000100001000100101111,111110100010001000100010011111  
1t = 1111011101110111,1111101110101111,1111101001100010010111,1111101000100010001000100010011111  
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1x = 1111011101110111,11111010010010110010111,111110100010010001000100010001001111,111110100010010001000100010011111  
1y = 1111011011110111,1111100100010110111010111,111110100010001000100010011011,11111010001100010100010010011011  
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20 = 11101101110110111,11111101110110010111,11111010010110010111,11111010010110001011010111,1111100111000101101010111  
21 = 111101110110110111,11111010111010001100110111,111110100100010001000100010011111  
22 = 111101110110110111,1111100010101010011010111,11111001100010001001000100101111  
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24 = 11111011101101101111,111110100100111000111001101111,111110101100101001000101100111,1111100001100001000100101001011111  
25 = 111110110