

11, 12, 13, 21, 22, 23, 31, 32, 33

111, 112, 113, 121, 122, 123, 131, 132, 133,  
211, 212, 213, 221, 222, 223, 231, 232, 233,  
311, 312, 313, 321, 322, 323, 331, 332, 333,

1111, 1112, 1113, 1121, 1122, 1123, 1131, 1132, 1133,  
1211, 1212, 1213, 1221, 1222, 1223, 1231, 1232, 1233,  
1311, 1312, 1313, 1321, 1322, 1323, 1331, 1332, 1333,  
2111, 2112, 2113, 2121, 2122, 2123, 2131, 2132, 2133,  
2211, 2212, 2213, 2221, 2222, 2223, 2231, 2232, 2233,  
2311, 2312, 2313, 2321, 2322, 2323, 2331, 2332, 2333,  
3111, 3112, 3113, 3121, 3122, 3123, 3131, 3132, 3133,  
3211, 3212, 3213, 3221, 3222, 3223, 3231, 3232, 3233,  
3311, 3312, 3313, 3321, 3322, 3323, 3331, 3332, 3333,

0, 1

00, 01, 10, 11,

000, 001, 010, 011, 100, 101, 110, 111,

0000, 0001, 0010, 0011, 0100, 0101, 0110, 0111,  
1000, 1001, 1010, 1011, 1100, 1101, 1110, 1111,

00000, 00001, 00010, 00011, 00100, 00101, 00110, 00111,  
01000, 01001, 01010, 01011, 01100, 01101, 01110, 01111,  
10000, 10001, 10010, 10011, 10100, 10101, 10110, 10111,  
11000, 11001, 11010, 11011, 11100, 11101, 11110, 11111,

000000, 000001, 000010, 000011, 000100, 000101, 000110, 000111,  
001000, 001001, 001010, 001011, 001100, 001101, 001110, 001111,  
010000, 010001, 010010, 010011, 010100, 010101, 010110, 010111,  
011000, 011001, 011010, 011011, 011100, 011101, 011110, 011111,  
100000, 100001, 100010, 100011, 100100, 100101, 100110, 100111,  
101000, 101001, 101010, 101011, 101100, 101101, 101110, 101111,  
110000, 110001, 110010, 110011, 110100, 110101, 110110, 110111,  
111000, 111001, 111010, 111011, 111100, 111101, 111110, 111111,

0000000, 0000001, 0000010, 0000011, 0000100, 0000101, 0000110, 0000111,  
0001000, 0001001, 0001010, 0001011, 0001100, 0001101, 0001110, 0001111,  
0010000, 0010001, 0010010, 0010011, 0010100, 0010101, 0010110, 0010111,  
0011000, 0011001, 0011010, 0011011, 0011100, 0011101, 0011110, 0011111,  
0100000, 0100001, 0100010, 0100011, 0100100, 0100101, 0100110, 0100111,  
0101000, 0101001, 0101010, 0101011, 0101100, 0101101, 0101110, 0101111,  
0110000, 0110001, 0110010, 0110011, 0110100, 0110101, 0110110, 0110111,  
0111000, 0111001, 0111010, 0111011, 0111100, 0111101, 0111110, 0111111,  
1000000, 1000001, 1000010, 1000011, 1000100, 1000101, 1000110, 1000111,  
1001000, 1001001, 1001010, 1001011, 1001100, 1001101, 1001110, 1001111,  
1010000, 1010001, 1010010, 1010011, 1010100, 1010101, 1010110, 1010111,  
1011000, 1011001, 1011010, 1011011, 1011100, 1011101, 1011110, 1011111,  
1100000, 1100001, 1100010, 1100011, 1100100, 1100101, 1100110, 1100111,  
1101000, 1101001, 1101010, 1101011, 1101100, 1101101, 1101110, 1101111,  
1110000, 1110001, 1110010, 1110011, 1110100, 1110101, 1110110, 1110111,  
1111000, 1111001, 1111010, 1111011, 1111100, 1111101, 1111110, 1111111,