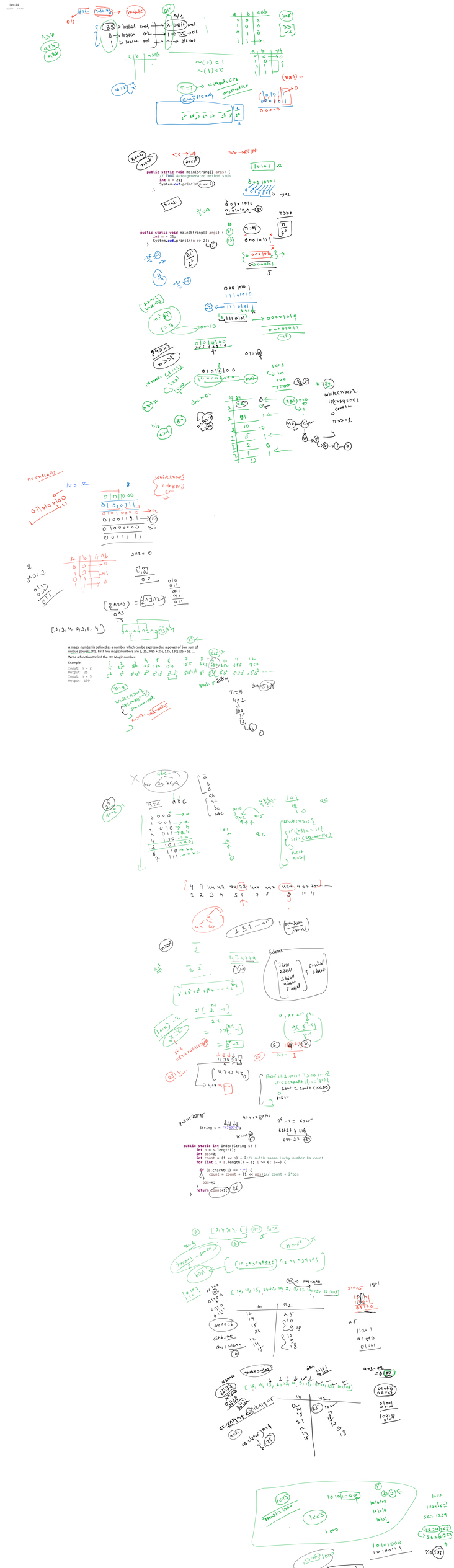
bitwise
logical and
logical or
bitwise xor
~(0) = 1
~(1) = 0
n = 3
n << 1 = 6
n << 2 = 12
n << 3 = 24
n << 4 = 48
n << 5 = 96
n << 6 = 192
n << 7 = 384
n << 8 = 768
n << 9 = 1536
n << 10 = 3072
n << 11 = 6144
n << 12 = 12288
n << 13 = 24576
n << 14 = 49152
n << 15 = 98304
n << 16 = 196608
n << 17 = 393216
n << 18 = 786432
n << 19 = 1572864
n << 20 = 3145728
n << 21 = 6291456
n << 22 = 12582912
n << 23 = 25165824
n << 24 = 50331648
n << 25 = 100663296
n << 26 = 201326592
n << 27 = 402653184
n << 28 = 805306368
n << 29 = 1610612736
n << 30 = 3220224472
n << 31 = -1073742824
n << 32 = 0
n << 33 = 0
n << 34 = 0
n << 35 = 0
n << 36 = 0
n << 37 = 0
n << 38 = 0
n << 39 = 0
n <<