Bit Manipulation. Thursday, 12 November 2020 8:11 AM Bitwise Operators Check: Accumulator 00100100 is changed AND (Check, clean) to an underived AHD 0000100 value for checking. OR (Set) That's why we reload value. XOR (Invert) Set with OR: INVERT WITT XOR: 010011114 APPLICATIONS: 1's Complement: 23 Complement: +6 00000110 # when dealing with ACC 256 100 23 numbers in bit xor #255 B1111 010 B00000101 INC B00000110 Dinary notations in Mgisters. END ABSOLUTE ADDRESSING Num レクク xor mask1 INC STO NUM 1 RND Num: -6 Maskes: 255 Num1: SYMBOLIC ADDRESSING. INPUT a letter, LTR Shifting case Faletter: CHECK ME CASE, IF LC Then convert to UL, UC IF UC The convert to LC, LC. 11 STO LTR Acc Rough work AND MASK2 CMP #O 01000011 JPN LCW and BOIOOOO OF MASK ULW: LOD LTR 1 6 0 0 0 0 0 0 1 FO,UC OR #32 1001000001F1,LL STO LC IMP STOP LCW: LDD LTR 0 1000011 MASK 32 and mask1 OR O 0 1 0 000 0 990 UC 01100011 STOP: END UC: Borooots 01100011 LC: B01100011 LTR: 801100011 0100001 MASKI: B 1 10 11111

MASK2: B DO 100000