Experiment 10 write and execute on assembly language program to count ODD & EVE N numbers in an array of 8 bit n numbers a) Explain any one logical instruction of 8036 with example - i) one logical instruction of 8086 is AND ii) The AND instruction performs a biturise AND operation on the destination operand 4 the source operand, storing therout in the destination appeard. b) perribe: the following assembler directives a) EQU: Equate Defines a constant symbol with a specified value YOU ED :- COUNT EQU 10 b) ENDS: End Sigment Marks the end of a a segment in the assembly code () END : END program Marks the end of the assembly wodz

Divide the content of AX registers MOV AY, 100H MOV CL, SOH ii) Rotate the content of Bx register by 9 bit towards left MOV (1, 641-1 ROL BY, IL Conclusion: From this experiment , we learned logi can instructions, assembler directives varithmatic operations in 8086 AL.