Assignment 7 exercise 1 1) Move to the end of the tape and write "\*" when blank symbol is found 2) Return to the head of the tape. 8) If I is found, replace it with "X" and move to the right until blank symbol is found. Replace the blank sympol with 1 . If 'x" found, then more left replacing all X wind I replace is with # . Accept after reading # two homes.

4) Move left to the until cross is found. Then a repeat 4 11-12 1,1-1 11-1-12 1,1-12 11-1-12 1,1-12 10 1,1-12 1,1-12 b X,1 > L #, ## > L ×,1+ 井井ナし

Exercice 3	
@ 9000U QUUUU	(B) 9001011 901111-
0 q д 0 0 U U U U U U U U U U U U U U U U U	9.0120UUU 9.0120UUU 9.0120UU
000101	00091 1 L O U U 91 U U U
0 2 L L L L L L L L L L L L L L L L L L	
	0 1 L qacc 0 U

Exercise 4 9 Line I reads the value from the input tape program coline will jump to the 9. Ciro 3 will shore the value of accumulators to . C [3] The OCI will be loaded to a cumulator, which will be added with itelf. Then the value at CC33 will be again added to the value in C [4] line 1 to 7, implements the logic of converting a binary number to decimal and storing the result in @ reg 10/2 1. Une 9 to 15 rains converts another binary number to decimal and stores it in register 2 0 17) load 1 18) add 2 19) print a