

## 6) PROGRAM TO COUNT NUMBER OF 1S

1	06 00	MVI B,00
2	0E 08	MVI C,08
3	3A 00 30	LDA 3000H
4	1F	L2:RAR
5	D2 0c 08	JNC L1
6	04	INR B
7	0D	L1:DCR C
8	C2 07 08	JNZ L2;
9	78	MOV A,B
10	32 01 30	STA 3001H
11	76	HLT