: P margore9

Suppose we input a data from port 2. White a program to find the bit \pm (A1) is zero or one. If the bit is \pm , load accumulator with \pm (59H), else load \pm (4EH). The accumulator data should be available at output port 4.

Address	Label	OP code	O Pierand	Comments
8004h	25.40	IN	02h	Input data to A grom port 2.
8006h		ANI	02h	Parform AND operation with (02)16 to
8008h			N	Jump to Nit inst.
			A large	when A contains zoro. Move immediate Y into A
800Bh	.433 1	2Mb WAI	A, 59h	Jump to - ptt instani
801 0 h	N	MVI	A , 4EH	Move immediate N into A.
012h	P	ουτ	онн	data to Port 4
ह ठायम	11.53.2			Halt