

Binary to Decimal Converter (0-100) **Overall Truth Table**

A	B	C	D	E	F	G	H	?	a	b	c	d	e	f	g	a	b	c	d	e	f	g	a	b	c	d	e	f	g
0	0	0	0	0	0	0	0	00	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0
0	0	0	0	0	0	0	1	01	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	0	0	0	0
0	0	0	0	0	0	1	0	02	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	1	0	1
0	0	0	0	0	0	1	1	03	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	0	0	1
0	0	0	0	0	1	0	0	04	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	0	0	1	1
0	0	0	0	0	1	0	1	05	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	0	1	1	0	1	1
0	0	0	0	0	1	1	0	06	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	0	1	1	1	1	1
0	0	0	0	0	1	1	1	07	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	0	0	0	0
0	0	0	0	1	0	0	0	08	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1
0	0	0	0	1	0	0	1	09	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	0	0	1	1
0	0	0	0	1	0	1	0	10	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	1	1	1	0	0
0	0	0	0	1	0	1	1	11	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0
0	0	0	0	1	1	0	0	12	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	0	1	1	0	1
0	0	0	0	1	1	0	1	13	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	1	1	0	0	1
0	0	0	0	1	1	1	0	14	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	1	1	0	0	1	1
0	0	0	0	1	1	1	1	15	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	0	1	1	0	1	1
0	0	0	1	0	0	0	0	16	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	0	1	1	1	1	1
0	0	0	1	0	0	0	1	17	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0
0	0	0	1	0	0	1	0	18	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1
0	0	0	1	0	0	1	1	19	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	1	0	0	1	1
0	0	0	1	0	1	0	0	20	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	0	0
0	0	0	1	0	1	0	1	21	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	1	1	0	0	0	0
0	0	0	1	0	1	1	0	22	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	0	1	1	0	1
0	0	0	1	0	1	1	1	23	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	0	0	1
0	0	0	1	1	0	0	0	24	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	1	1	0	0	1	1
0	0	0	1	1	0	0	1	25	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1
0	0	0	1	1	0	1	0	26	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	1	1	1
0	0	0	1	1	0	1	1	27	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	0	0	0	0
0	0	0	1	1	1	0	0	28	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1
0	0	0	1	1	1	0	1	29	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	0	0	1	1
0	0	0	1	1	1	1	0	30	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	0	0
0	0	0	1	1	1	1	1	31	1	1	1	1	1	1	0	1	1	1	1	0	0	1	0	1	1	0	0	0	0
0	0	1	0	0	0	0	0	32	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	0	1	1	0	1
0	0	1	0	0	0	0	1	33	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	0	0	1
0	0	1	0	0	0	1	0	34	1	1	1	1	1	1	0	1	1	1	1	0	0	1	0	1	1	0	0	1	1
0	0	1	0	0	0	1	1	35	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	0	1	1	0	1	1
0	0	1	0	0	1	0	0	36	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	0	1	1	1	1	1
0	0	1	0	0	1	0	1	37	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	0	0	0	0
0	0	1	0	0	1	1	0	38	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1
0	0	1	0	0	1	1	1	39	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	0	0	1	1
0	0	1	0	1	0	0	0	40	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0
0	0	1	0	1	0	0	1	41	1	1	1	1	1	1	0	0	1	1	0	0	1	1	0	1	1	0	0	0	0
0	0	1	0	1	0	1	0	42	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	0	1	1	0	1
0	0	1	0	1	0	1	1	43	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	0	0	1
0	0	1	0	1	1	0	0	44	1	1	1	1	1	1	0	0	1	1	0	0	1	1	0	1	1	0	0	1	1
0	0	1	0	1	1	0	1	45	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	0	1	1	0	1	1
0	0	1	0	1	1	1	0	46	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	0	1	1	1	1	1
0	0	1	0	1	1	1	1	47	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	0	0	0	0

Binary to Decimal Converter (0-100) **Overall Truth Table**

0	0	1	1	0	0	0	0	48	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1
0	0	1	1	0	0	0	1	49	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	0	0	1
0	0	1	1	0	0	1	0	50	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	0
0	0	1	1	0	0	1	1	51	1	1	1	1	1	1	0	1	0	1	1	0	1	1	0	1	0	0	0
0	0	1	1	0	1	0	0	52	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	0	1	0
0	0	1	1	0	1	0	1	53	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1	0	0
0	0	1	1	0	1	1	0	54	1	1	1	1	1	1	0	1	0	1	1	0	1	1	0	1	0	0	1
0	0	1	1	0	1	1	1	55	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	0	1	0	1
0	0	1	1	1	0	0	0	56	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	0	1	1	1
0	0	1	1	1	0	0	1	57	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	0	0	0
0	0	1	1	1	0	1	0	58	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1
0	0	1	1	1	0	1	1	59	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	0	0	1
0	0	1	1	1	1	0	0	60	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	0
0	0	1	1	1	1	0	1	61	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	0	0	0
0	0	1	1	1	1	1	0	62	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	1	0
0	0	1	1	1	1	1	1	63	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	0	0
0	1	0	0	0	0	0	0	64	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	0	1
0	1	0	0	0	0	0	1	65	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	1	1
0	1	0	0	0	0	1	0	66	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	1	1
0	1	0	0	0	0	1	1	67	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	0	0
0	1	0	0	0	1	0	0	68	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1
0	1	0	0	0	1	0	1	69	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	0	1
0	1	0	0	0	1	1	0	70	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1	1	1	0
0	1	0	0	0	1	1	1	71	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	1	0	0
0	1	0	0	1	0	0	0	72	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1	1	0	1
0	1	0	0	1	0	0	1	73	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1	1	1	0
0	1	0	0	1	0	1	0	74	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	1	0	1
0	1	0	0	1	0	1	1	75	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1	0	1	1
0	1	0	0	1	1	0	0	76	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1	0	1	1
0	1	0	0	1	1	0	1	77	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1	1	0	0
0	1	0	0	1	1	1	0	78	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1	1	1	1
0	1	0	0	1	1	1	1	79	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1	1	0	1
0	1	0	1	0	0	0	0	80	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0
0	1	0	1	0	0	0	1	81	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	0	0
0	1	0	1	0	0	1	0	82	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0
0	1	0	1	0	0	1	1	83	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0
0	1	0	1	0	1	0	0	84	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1
0	1	0	1	0	1	0	1	85	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1
0	1	0	1	0	1	1	0	86	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1
0	1	0	1	0	1	1	1	87	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0
0	1	0	1	1	0	0	0	88	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
0	1	0	1	1	0	0	1	89	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1
0	1	0	1	1	0	1	0	90	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	0
0	1	0	1	1	0	1	1	91	1	1	1	1	1	1	0	1	1	1	0	0	1	1	0	0	0	0	0
0	1	0	1	1	1	0	0	92	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	0	1	0	1
0	1	0	1	1	1	0	1	93	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	0	0	1
0	1	0	1	1	1	1	0	94	1	1	1	1	1	1	0	1	1	1	0	0	1	1	0	0	0	1	1
0	1	0	1	1	1	1	1	95	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	0	0	1	1
0	1	1	0	0	0	0	0	96	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	0	1	1	1

Binary to Decimal Converter (0-100) **Overall Truth Table**

0	1	1	0	0	0	0	1	97	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	0	0	0	0
0	1	1	0	0	0	1	0	98	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1
0	1	1	0	0	0	1	1	99	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	0	0	1	1	
0	1	1	0	0	1	0	0	100	0	1	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	
0	1	1	0	0	1	0	1	101	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	0	0	0	
0	1	1	0	0	1	1	0	102	0	1	1	0	0	0	0	1	1	1	1	1	1	0	1	1	0	1	1	0	
0	1	1	0	0	1	1	1	103	0	1	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	0	
0	1	1	0	1	0	0	0	104	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	0	0	1	
0	1	1	0	1	0	0	1	105	0	1	1	0	0	0	0	1	1	1	1	1	1	0	1	0	1	1	0	1	
0	1	1	0	1	0	1	0	106	0	1	1	0	0	0	0	1	1	1	1	1	1	0	1	0	1	1	1	1	
0	1	1	0	1	0	1	1	107	0	1	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	0	0	0	
0	1	1	0	1	1	0	0	108	0	1	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	
0	1	1	0	1	1	0	1	109	0	1	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	0	0	1	
0	1	1	0	1	1	1	0	110	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	0	
0	1	1	0	1	1	1	1	111	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	
0	1	1	1	0	0	0	0	112	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	0	1	1	0	
0	1	1	1	0	0	0	1	113	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	
0	1	1	1	0	0	1	0	114	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1	
0	1	1	1	0	0	1	1	115	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	0	1	
0	1	1	1	0	1	0	0	116	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	1	1	
0	1	1	1	0	1	0	1	117	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	
0	1	1	1	0	1	1	0	118	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	
0	1	1	1	0	1	1	1	119	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	1	
0	1	1	1	1	0	0	0	120	0	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	1	1	1	0	
0	1	1	1	1	0	0	1	121	0	1	1	0	0	0	0	1	1	0	1	1	0	1	0	1	1	0	0	0	
0	1	1	1	1	0	1	0	122	0	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	0	1	1	0	
0	1	1	1	1	0	1	1	123	0	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	1	0	0	1	
0	1	1	1	1	1	0	0	124	0	1	1	0	0	0	0	1	1	0	1	1	0	1	0	1	1	0	0	1	
0	1	1	1	1	1	0	1	125	0	1	1	0	0	0	0	1	1	0	1	1	0	1	1	0	1	1	0	1	
0	1	1	1	1	1	1	0	126	0	1	1	0	0	0	0	1	1	0	1	1	0	1	1	0	1	1	1	1	
0	1	1	1	1	1	1	1	127	0	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	1	0	0	0	
1	0	0	0	0	0	0	0	128	0	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	1	1	1	1	
1	0	0	0	0	0	0	1	129	0	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	1	0	0	1	
1	0	0	0	0	0	1	0	130	0	1	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	0	
1	0	0	0	0	0	1	1	131	0	1	1	0	0	0	0	1	1	1	1	0	0	1	0	1	1	0	0	0	
1	0	0	0	0	1	0	0	132	0	1	1	0	0	0	0	1	1	1	1	0	0	1	1	1	0	1	1	0	
1	0	0	0	0	1	0	1	133	0	1	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	0	0	
1	0	0	0	0	1	1	0	134	0	1	1	0	0	0	0	1	1	1	1	0	0	1	0	1	1	0	0	1	
1	0	0	0	0	1	1	1	135	0	1	1	0	0	0	0	1	1	1	1	0	0	1	1	0	1	1	0	1	
1	0	0	0	1	0	0	0	136	0	1	1	0	0	0	0	1	1	1	1	0	0	1	1	0	1	1	1	1	
1	0	0	0	1	0	0	1	137	0	1	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	0	0	0	
1	0	0	0	1	0	1	0	138	0	1	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	
1	0	0	0	1	0	1	1	139	0	1	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	0	0	1	
1	0	0	0	1	1	0	0	140	0	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	
1	0	0	0	1	1	0	1	141	0	1	1	0	0	0	0	0	1	1	0	0	1	1	0	1	1	0	0	0	
1	0	0	0	1	1	1	0	142	0	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	0	1	1	0	
1	0	0	0	1	1	1	1	143	0	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	1	0	0	1	
1	0	0	1	0	0	0	0	144	0	1	1	0	0	0	0	0	1	1	0	0	1	1	0	1	1	0	0	1	
1	0	0	1	0	0	0	1	145	0	1	1	0	0	0	0	0	1	1	0	0	1	1	1	0	1	1	0	1	

Binary to Decimal Converter (0-100) **Overall Truth Table**

1	0	0	1	0	0	1	0	146	0	1	1	0	0	0	0	0	1	1	0	1	1	1	1	1	1
1	0	0	1	0	0	1	1	147	0	1	1	0	0	0	0	0	1	1	0	0	1	1	1	0	0
1	0	0	1	0	1	0	0	148	0	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	1
1	0	0	1	0	1	0	1	149	0	1	1	0	0	0	0	0	1	1	0	0	1	1	1	0	1
1	0	0	1	0	1	1	0	150	0	1	1	0	0	0	0	1	0	1	1	0	1	1	1	1	0
1	0	0	1	0	1	1	1	151	0	1	1	0	0	0	0	1	0	1	1	0	1	1	0	0	0
1	0	0	1	1	0	0	0	152	0	1	1	0	0	0	0	1	0	1	1	0	1	1	1	0	1
1	0	0	1	1	0	0	1	153	0	1	1	0	0	0	0	1	0	1	1	0	1	1	1	0	1
1	0	0	1	1	0	1	0	154	0	1	1	0	0	0	0	1	0	1	1	0	1	1	0	0	1
1	0	0	1	1	0	1	1	155	0	1	1	0	0	0	0	1	0	1	1	0	1	1	1	0	1
1	0	0	1	1	1	0	0	156	0	1	1	0	0	0	0	1	0	1	1	0	1	1	1	1	1
1	0	0	1	1	1	0	1	157	0	1	1	0	0	0	0	1	0	1	1	0	1	1	1	0	0
1	0	0	1	1	1	1	0	158	0	1	1	0	0	0	0	1	0	1	1	0	1	1	1	1	1
1	0	0	1	1	1	1	1	159	0	1	1	0	0	0	0	1	0	1	1	0	1	1	1	0	1
1	0	1	0	0	0	0	0	160	0	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	0
1	0	1	0	0	0	0	1	161	0	1	1	0	0	0	0	1	0	1	1	1	1	1	0	0	0
1	0	1	0	0	0	1	0	162	0	1	1	0	0	0	0	1	0	1	1	1	1	1	1	0	1
1	0	1	0	0	0	1	1	163	0	1	1	0	0	0	0	1	0	1	1	1	1	1	1	0	0
1	0	1	0	0	1	0	0	164	0	1	1	0	0	0	0	1	0	1	1	1	1	1	0	0	1
1	0	1	0	0	1	0	1	165	0	1	1	0	0	0	0	1	0	1	1	1	1	1	1	0	1
1	0	1	0	0	1	1	0	166	0	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1
1	0	1	0	0	1	1	1	167	0	1	1	0	0	0	0	1	0	1	1	1	1	1	1	0	0
1	0	1	0	1	0	0	0	168	0	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1
1	0	1	0	1	0	0	1	169	0	1	1	0	0	0	0	1	0	1	1	1	1	1	1	0	0
1	0	1	0	1	0	1	0	170	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1
1	0	1	0	1	0	1	1	171	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0
1	0	1	0	1	1	0	0	172	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	0
1	0	1	0	1	1	0	1	173	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1
1	0	1	0	1	1	1	0	174	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1
1	0	1	0	1	1	1	1	175	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1
1	0	1	1	0	0	0	0	176	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1
1	0	1	1	0	0	0	1	177	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0
1	0	1	1	0	0	1	0	178	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1
1	0	1	1	0	0	1	1	179	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1
1	0	1	1	0	1	0	0	180	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0
1	0	1	1	0	1	0	1	181	0	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0
1	0	1	1	0	1	1	0	182	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	1
1	0	1	1	0	1	1	1	183	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0
1	0	1	1	1	0	0	0	184	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	1
1	0	1	1	1	0	0	1	185	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
1	0	1	1	1	0	1	0	186	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
1	0	1	1	1	0	1	1	187	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0
1	0	1	1	1	1	0	0	188	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
1	0	1	1	1	1	0	1	189	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	1
1	0	1	1	1	1	1	0	190	0	1	1	0	0	0	0	1	1	1	0	0	1	1	1	1	0
1	0	1	1	1	1	1	1	191	0	1	1	0	0	0	0	1	1	1	0	0	1	1	0	0	0
1	1	0	0	0	0	0	0	192	0	1	1	0	0	0	0	1	1	1	0	0	1	1	1	0	1
1	1	0	0	0	0	0	1	193	0	1	1	0	0	0	0	1	1	1	0	0	1	1	1	0	1
1	1	0	0	0	0	1	0	194	0	1	1	0	0	0	0	1	1	1	0	0	1	1	0	0	1

Binary to Decimal Converter (0-100)

Overall Truth Table

1	1	0	0	0	0	1	1	195	0	1	1	0	0	0	0	1	1	1	0	0	1	1	1	0	1	1	1
1	1	0	0	0	1	0	0	196	0	1	1	0	0	0	0	1	1	1	0	0	1	1	1	0	1	1	1
1	1	0	0	0	1	0	1	197	0	1	1	0	0	0	0	1	1	1	0	0	1	1	1	1	0	0	0
1	1	0	0	0	1	1	0	198	0	1	1	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1
1	1	0	0	0	1	1	1	199	0	1	1	0	0	0	0	1	1	1	0	0	1	1	1	1	0	0	1
1	1	0	0	1	0	0	0	200	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	0
1	1	0	0	1	0	0	1	201	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	1	0	0	0
1	1	0	0	1	0	1	0	202	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	1	0	1	0
1	1	0	0	1	0	1	1	203	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	0
1	1	0	0	1	1	0	0	204	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	1	0	0	1
1	1	0	0	1	1	0	1	205	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	0	1	1	1
1	1	0	0	1	1	1	0	206	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	0	1	1	1
1	1	0	0	1	1	1	1	207	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	0
1	1	0	1	0	0	0	0	208	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1
1	1	0	1	0	0	0	1	209	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	1
1	1	0	1	0	0	1	0	210	1	1	0	1	1	0	1	0	1	1	0	0	0	0	0	1	1	1	1
1	1	0	1	0	0	1	1	211	1	1	0	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	0
1	1	0	1	0	1	0	0	212	1	1	0	1	1	0	1	0	1	1	0	0	0	0	0	1	1	0	1
1	1	0	1	0	1	0	1	213	1	1	0	1	1	0	1	0	1	1	0	0	0	0	0	1	1	1	0
1	1	0	1	0	1	1	0	214	1	1	0	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1
1	1	0	1	0	1	1	1	215	1	1	0	1	1	0	1	0	1	1	0	0	0	0	0	1	0	1	1
1	1	0	1	1	0	0	0	216	1	1	0	1	1	0	1	0	1	1	0	0	0	0	0	1	0	1	1
1	1	0	1	1	0	0	1	217	1	1	0	1	1	0	1	0	1	1	0	0	0	0	0	1	1	1	0
1	1	0	1	1	0	1	0	218	1	1	0	1	1	0	1	0	1	1	0	0	0	0	0	1	1	1	1
1	1	0	1	1	0	1	1	219	1	1	0	1	1	0	1	0	1	1	0	0	0	0	0	1	1	1	1
1	1	0	1	1	1	0	0	220	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	0
1	1	0	1	1	1	0	1	221	1	1	0	1	1	0	1	1	1	0	1	1	0	1	0	1	1	0	0
1	1	0	1	1	1	1	0	222	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1	1	0	1	0
1	1	0	1	1	1	1	1	223	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	0	0
1	1	1	0	0	0	0	0	224	1	1	0	1	1	0	1	1	1	0	1	1	0	1	0	1	1	0	0
1	1	1	0	0	0	0	1	225	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1	0	1	1	1
1	1	1	0	0	0	1	0	226	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1	0	1	1	1
1	1	1	0	0	0	1	1	227	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	0	0
1	1	1	0	0	1	0	0	228	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	1
1	1	1	0	0	1	0	1	229	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	0	1
1	1	1	0	0	1	1	0	230	1	1	0	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	0
1	1	1	0	0	1	1	1	231	1	1	0	1	1	0	1	1	1	1	0	0	1	0	1	1	0	0	0
1	1	1	0	1	0	0	0	232	1	1	0	1	1	0	1	1	1	1	0	0	1	1	1	0	1	1	0
1	1	1	0	1	0	0	1	233	1	1	0	1	1	0	1	1	1	1	0	0	1	1	1	1	1	0	0
1	1	1	0	1	0	1	0	234	1	1	0	1	1	0	1	1	1	1	0	0	1	0	1	1	0	0	1
1	1	1	0	1	0	1	1	235	1	1	0	1	1	0	1	1	1	1	0	0	1	1	1	0	1	1	1
1	1	1	0	1	1	0	0	236	1	1	0	1	1	0	1	1	1	1	0	0	1	1	0	1	1	1	1
1	1	1	0	1	1	0	1	237	1	1	0	1	1	0	1	1	1	1	0	0	1	1	1	1	0	0	0
1	1	1	0	1	1	1	0	238	1	1	0	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1
1	1	1	0	1	1	1	1	239	1	1	0	1	1	0	1	1	1	1	0	0	1	1	1	1	0	0	1
1	1	1	1	0	0	0	0	240	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	1	1	1	0
1	1	1	1	0	0	0	1	241	1	1	0	1	1	0	1	0	1	1	0	0	1	1	0	1	1	0	0
1	1	1	1	0	0	1	0	242	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	1	0	1	1
1	1	1	1	0	0	1	1	243	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	1	1	0	0

Binary to Decimal Converter (0-100) **Overall Truth Table**

1	1	1	1	0	1	0	0	244	1	1	0	1	1	0	1	0	1	1	0	0	1	1	0	1	1	0	0	1	1
1	1	1	1	0	1	0	1	245	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	0	1	1	0	1	1
1	1	1	1	0	1	1	0	246	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	0	1	1	1	1	1
1	1	1	1	0	1	1	1	247	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	1	1	0	0	0	0
1	1	1	1	1	0	0	0	248	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1
1	1	1	1	1	0	0	1	249	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	1	1	0	0	1	1
1	1	1	1	1	0	1	0	250	1	1	0	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0
1	1	1	1	1	0	1	1	251	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	0	0	0
1	1	1	1	1	1	0	0	252	1	1	0	1	1	0	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1
1	1	1	1	1	1	0	1	253	1	1	0	1	1	0	1	1	0	1	1	0	1	1	1	1	1	0	0	1	1
1	1	1	1	1	1	1	0	254	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	0	1	1
1	1	1	1	1	1	1	1	255	1	1	0	1	1	0	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1