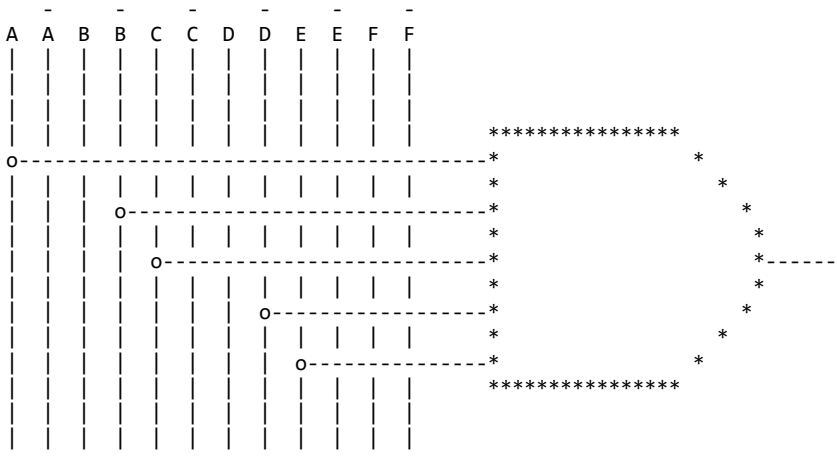


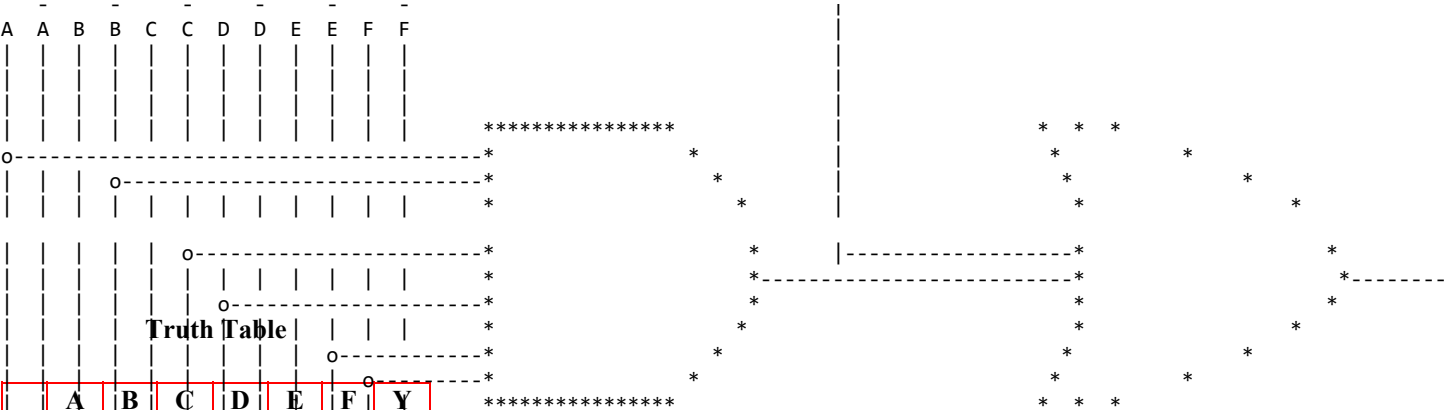
	$\overline{D.E}\overline{F}$	$\overline{D.E}F$	$\overline{D.E}F$	$\overline{D.E}\overline{F}$	$\overline{D.E}\overline{F}$	$\overline{D.E}F$	$\overline{D.E}F$	$\overline{D.E}\overline{F}$
$\overline{A.B.C}$	0	0	0	0	0	0	0	0
$\overline{A.B.C}$	0	0	0	0	0	0	0	0
$\overline{A.B.C}$	0	0	0	0	0	0	0	0
$\overline{A.B.C}$	0	0	0	0	0	0	0	0
$\overline{A.B.C}$	0	0	0	0	0	1	0	0
$\overline{A.B.C}$	0	0	1	1	0	0	0	0
$\overline{A.B.C}$	0	0	0	0	0	0	0	0
$\overline{A.B.C}$	0	0	0	0	0	0	0	0

	$\overline{D.E.F}$	$\overline{D.E.F}$	$\overline{D.E.F}$	$\overline{D.E.F}$	$\overline{D.E.F}$	$\overline{D.E.F}$	$\overline{D.E.F}$	$\overline{D.E.F}$
$\overline{A.B.C}$	0	1	3	2	4	5	7	6
$\overline{A.B.C}$	8	9	11	10	12	13	15	14
$\overline{A.B.C}$	24	25	27	26	28	29	31	30
$\overline{A.B.C}$	16	17	19	18	20	21	23	22
$\overline{A.B.C}$	32	33	35	34	36	37	39	38
$\overline{A.B.C}$	40	41	43	42	44	45	47	46
$\overline{A.B.C}$	56	57	59	58	60	61	63	62
$\overline{A.B.C}$	48	49	51	50	52	53	55	54

(42,43)	$A.\bar{B}.C.\bar{D}.E$
(37)	$A.\bar{B}.\bar{C}.D.\bar{E}.F$

$$y = A.\overline{B}.C.\overline{D}.E + A.\overline{B}.\overline{C}.D.\overline{E}.F$$





Truth Table

	A	B	C	D	E	F	Y
0	0	0	0	0	0	0	0
1	0	0	0	0	0	1	0
2	0	0	0	0	1	0	0
3	0	0	0	0	1	1	0
4	0	0	0	1	0	0	0
5	0	0	0	1	0	1	0
6	0	0	0	1	1	0	0
7	0	0	0	1	1	1	0
8	0	0	1	0	0	0	0
9	0	0	1	0	0	1	0
10	0	0	1	0	1	0	0
11	0	0	1	0	1	1	0
12	0	0	1	1	0	0	0
13	0	0	1	1	0	1	0
14	0	0	1	1	1	0	0
15	0	0	1	1	1	1	0
16	0	1	0	0	0	0	0
17	0	1	0	0	0	1	0
18	0	1	0	0	1	0	0
19	0	1	0	0	1	1	0
20	0	1	0	1	0	0	0
21	0	1	0	1	0	1	0
22	0	1	0	1	1	0	0
23	0	1	0	1	1	1	0
24	0	1	1	0	0	0	0
25	0	1	1	0	0	1	0
26	0	1	1	0	1	0	0
27	0	1	1	0	1	1	0
28	0	1	1	1	0	0	0
29	0	1	1	1	0	1	0
30	0	1	1	1	1	0	0
31	0	1	1	1	1	1	0
32	1	0	0	0	0	0	0
33	1	0	0	0	0	1	0
34	1	0	0	0	1	0	0
35	1	0	0	0	1	1	0
36	1	0	0	1	0	0	0
37	1	0	0	1	0	1	1
38	1	0	0	1	1	0	0

39	1	0	0	1	1	1	0
40	1	0	1	0	0	0	0
41	1	0	1	0	0	1	0
42	1	0	1	0	1	0	1
43	1	0	1	0	1	1	1
44	1	0	1	1	0	0	0
45	1	0	1	1	0	1	0
46	1	0	1	1	1	0	0
47	1	0	1	1	1	1	0
48	1	1	0	0	0	0	0
49	1	1	0	0	0	1	0
50	1	1	0	0	1	0	0
51	1	1	0	0	1	1	0
52	1	1	0	1	0	0	0
53	1	1	0	1	0	1	0
54	1	1	0	1	1	0	0
55	1	1	0	1	1	1	0
56	1	1	1	0	0	0	0
57	1	1	1	0	0	1	0
58	1	1	1	0	1	0	0
59	1	1	1	0	1	1	0
60	1	1	1	1	0	0	0
61	1	1	1	1	0	1	0
62	1	1	1	1	1	0	0
63	1	1	1	1	1	1	0