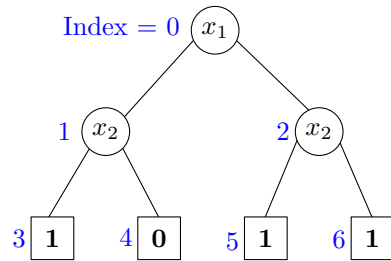


Number of Boolean variables, $k=2$

Truth Table
input.txt

x_1	x_2	$f(x_1, x_2)$
0	0	1
0	1	0
1	0	1
1	1	1

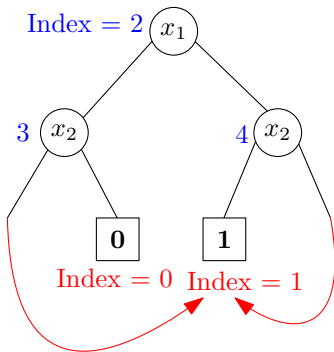
Binary Tree Representation



output2a.txt

Index	data	left	right	level
0	1	1	2	1
1	2	3	4	2
2	2	5	6	2
3	1	-1	-1	3
4	0	-1	-1	3
5	1	-1	-1	3
6	1	-1	-1	3

Compact Representation



output2b.txt

Index	data	left	right	level
0	0	-1	-1	3
1	1	-1	-1	3
2	1	3	4	1
3	2	1	0	2
4	2	1	1	2