Exercise 1   Run the Find-S Algorithm on the following inputs.

(a)

x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	$f(\bar{x})$
0	1	1	1	0	1	1	0	1
1	1	1	0	0	1	0	0	1
1	1	1	0	1	1	1	1	0
0	1	0	1	0	1	1	0	1
0	1	0	1	0	1	0	0	1
1	0	0	0	1	0	1	1	0
0	0	0	1	0	0	0	1	0
1	1	1	0	0	1	0	0	1

(b)

x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	$f(\bar{x})$
0	1	0	1	1	0	0	1	1
0	1	1	1	0	0	1	1	0
1	1	0	0	1	1	0	1	0
0	1	1	0	1	0	0	1	1
0	0	0	1	0	0	0	0	1
1	0	0	0	1	0	1	1	0
0	0	1	1	1	0	0	0	1
0	1	1	0	0	0	0	1	1

Exercise 2   Run the Candidate-Elimination Algorithm on the following inputs.

(a)

x_0	x_1	x_2	x_3	$f(\bar{x})$
0	1	1	0	1
1	1	0	0	1
1	0	1	1	0
0	0	1	0	1
0	0	1	1	0
1	1	0	1	0

(b)

x_0	x_1	x_2	x_3	$f(\bar{x})$
1	0	1	1	0
1	1	0	0	1
0	0	0	0	1
0	1	1	1	0
1	0	0	0	1
0	0	1	1	0