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

x_0	x_1	x_2	x_3	x_4	x_5	x_6	x_7	f(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
	0 1 1 0 0 1	0 1 1 1 1 1 0 1 0 1 1 0 0	0 1 1 1 1 1 1 1 1 0 1 0 0 1 0 1 0 0 0 0 0	0 1 1 1 1 1 1 0 1 1 1 0 0 1 0 1 0 1 0 1 1 0 0 0 0 0 0 1	0 1 1 1 0 1 1 1 0 0 1 1 1 0 1 0 1 0 1 0 0 1 0 1 0 1 0 0 0 1 0 0 0 1 0	0 1 1 1 0 1 1 1 1 0 0 1 1 1 1 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 1 0 0 0 1 0 0 0 0 1 0 0	0 1 1 1 0 1 1 1 1 1 0 0 1 0 1 1 1 0 1 1 1 0 1 0 1 0 1 1 0 1 0 1 0 1 0 1 0 0 0 1 0 1 0 0 0 1 0 0 0	0 1 1 1 0 1 1 0 1 1 1 0 0 1 0 0 1 1 1 0 1 1 1 1 1 0 1 0 1 0 1 1 0 0 0 1 0 1 0 1 0 0 0 1 0 0 0 1 0 0 1 1 0 0 0 1 0 0 0 1

(b)									
	x_0	x_1	x_2	x_3	x_4	x_5	<i>x</i> ₆	<i>x</i> ₇	f(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(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(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