

1.

	1	2	3	4	5	6	7	8	9	10
1	0	1	1	0	0	1	0	1	0	0
2	1	1	1	1	0	0	0	0	0	1
3	1	1	0	0	1	1	0	0	0	0
4	0	1	0	0	0	0	0	0	0	0
5	0	0	1	1	1	1	0	0	0	0
6	1	1	1	0	0	0	1	0	0	0
7	0	0	0	0	0	1	0	0	1	0
8	1	0	0	0	0	1	0	0	0	1
9	0	0	0	0	0	0	1	1	0	1
10	0	1	0	0	0	0	0	1	0	0

2. a. 9 7 6 3 5 4 2 1 8 10

3. a. 5 4 2 3 1 6 7 9 8 10 - 128
b. 9 7 6 3 5 4 2 1 8 10 - 126