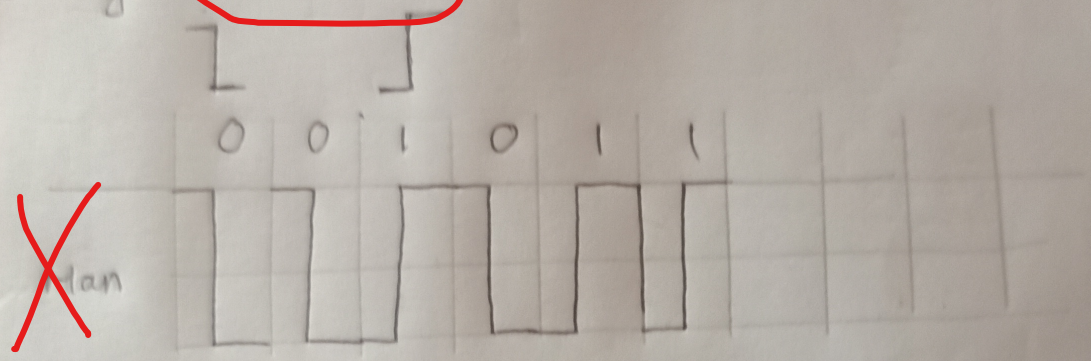
00
01
10
11

1 (a)

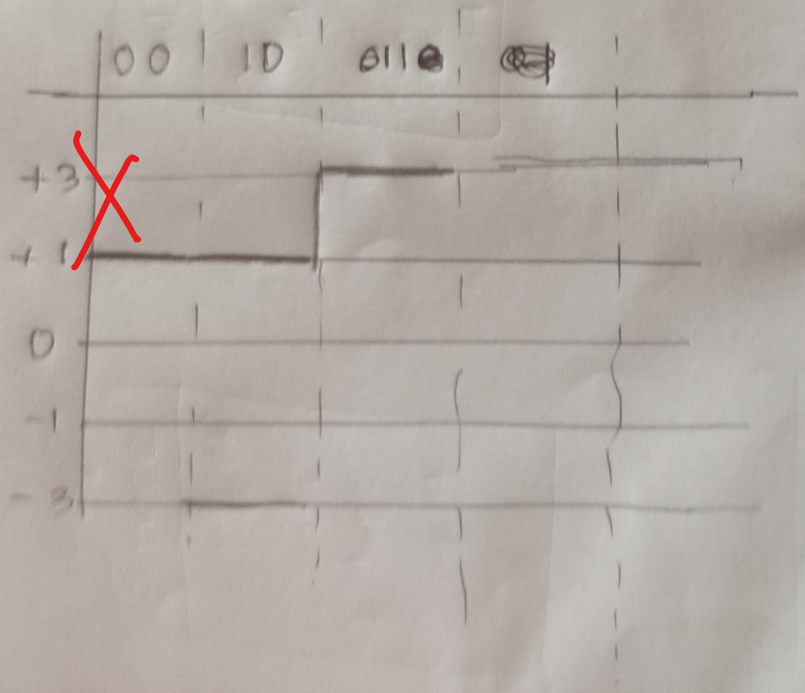
(a) My birthaday is 01/03/1998

50 - 0103 → 1100111

Binary - 001011



b) 2BIQ



00	+1	-1
01	+3	-3
10	-1	+1
11	-3	+3

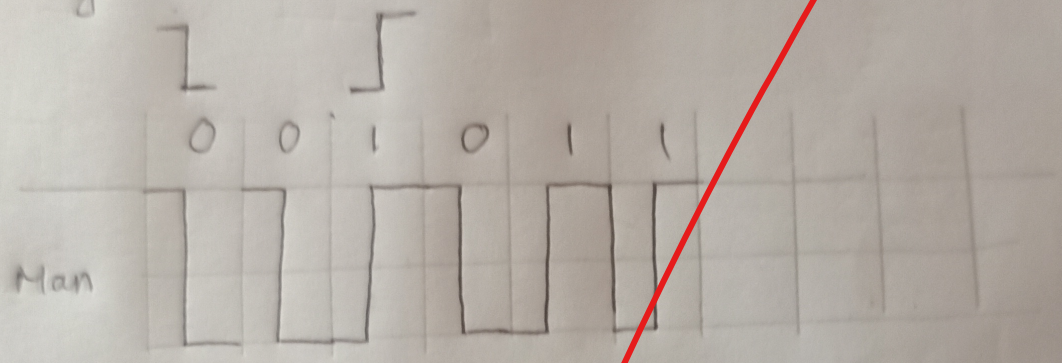
00
01
10
11

1 (a)

(a) My birthaday is 01/03/1998

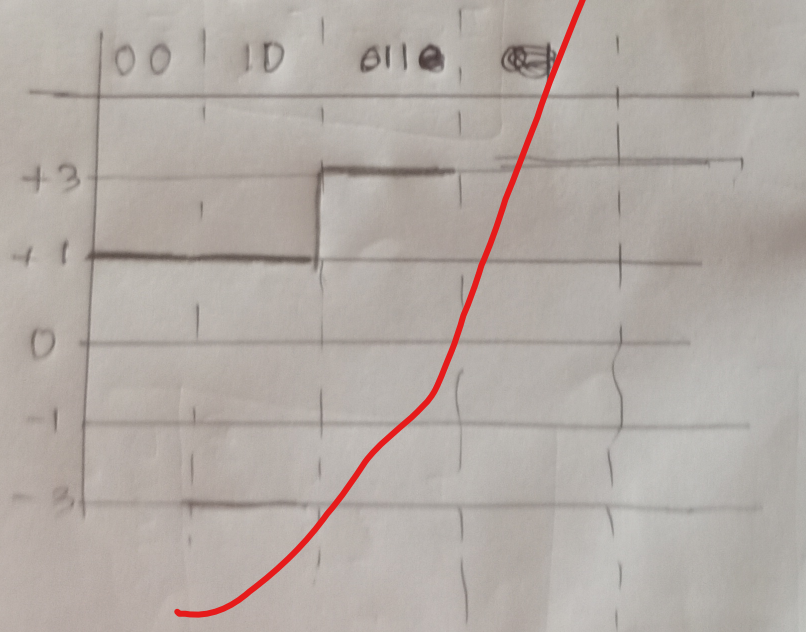
SO - 0103

Binary - 001011

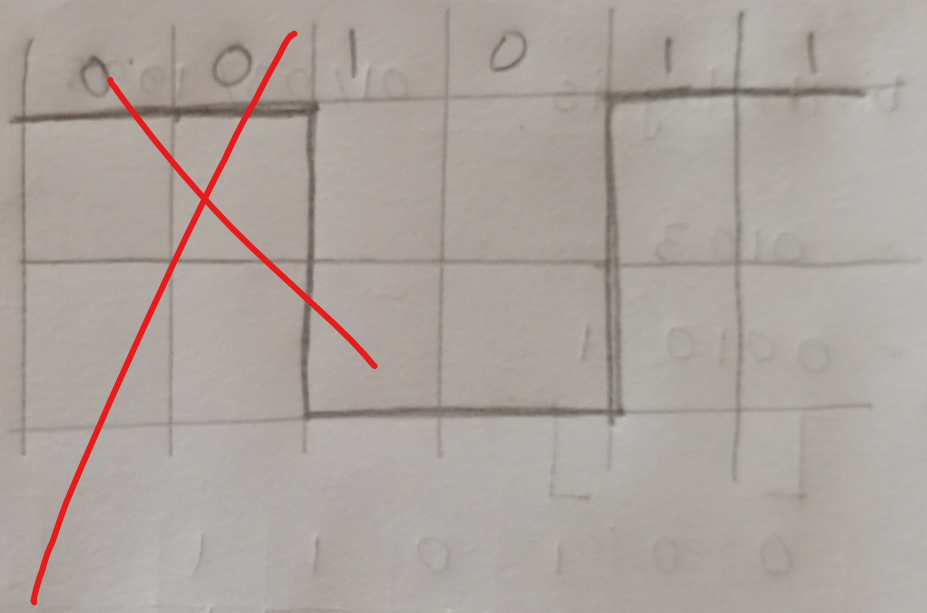


Repeated

b) 2BIQ



00	+1	-1
01	+3	-3
10	-1	+1
11	-3	+3

c)

NRZ-I