Usama Sarwar   Quiz #04
FA17-BES-090-B

Q#01:

$k = 1010110010$

	1	2	3	4	5	6	7	8	9	10	
k	1	0	1	0	1	1	0	0	1	0	
L ∨ P10	0	1	1	0	1	0	0	1	0	1	
LS-1	1	1	0	1	0	0	1	0	1	0	
P8	1	0	0	1	1	0	1	1			= K_1
LS-2	1	0	0	0	1	1	0	1	0	0	LS-2 on P10
P8	0	1	1	0	0	0	1	0			= K_2

$K_2 = 01100010$

Q#02:

$k = 1010110010$

	1	2	3	4	5	6	7	8	9	10
k	1	0	1	0	1	1	0	0	1	0
P10	0	1	1	0	1	0	0	1	0	1
LS1	1	1	0	1	0	0	1	0	1	0
P8	1	0	0	1	1	0	1	1		

$$k_1 = 1001 \, 011$$