n = 3

code	k
00	0 (000)
01	(001)
117	2 (010)
10	3 (011)
10	4 ( <b>1</b> 00)
11	5 ( <b>1</b> 01)
01	<b>6</b> (110)
00	7 ( <b>1</b> 11)