2) a)

	u	$c = uG = (u\ uP)$	$w(c)$
c1	00	0000	0
c2	01	01	2
c3	10	10	2
c4	11	11	4

~~dmin = 4?~~ ~~c2 = 0111 -> d(c2) < 4~~

~~dmin = 3?~~ c2 = 0111 -> d(c2) = 3

c3 = 1011 -> d(c2) = 3

0111
1011

1100 -> d(c4) = 2

dmin = 2?

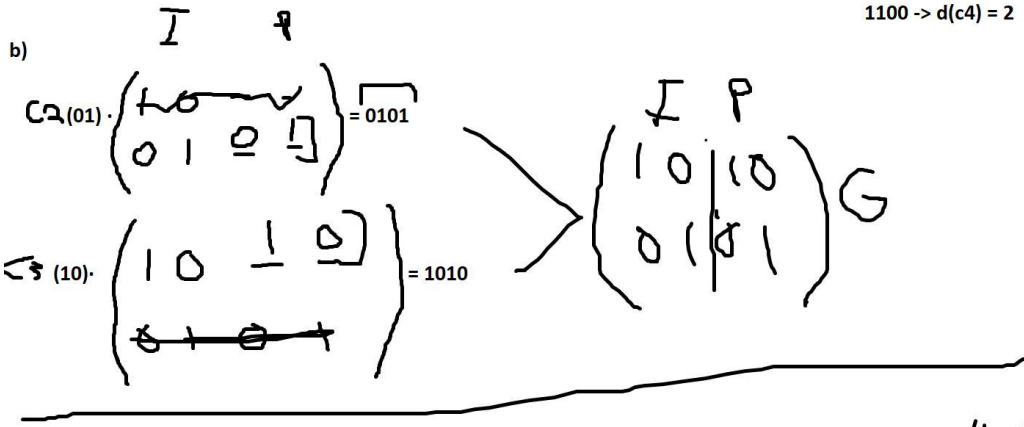
c2 -> 01 01
01 10

c3 -> 10 10
10 01

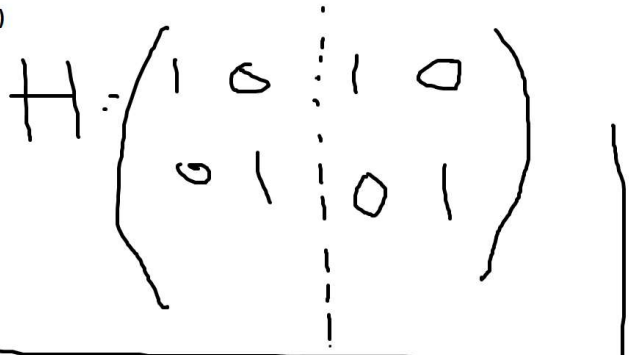
0101
1001

1100 -> d(c4) = 2

b)



c)



d) detecta dmin - 1 errores = 1

corrije (dmin -1)/2 errores = 0