Q2 q = can profile A access profile B

a = is friend   b = is Blocked   c = is Admin

d = is Mark Zuckerberg.

a	b	c	d	q
0	0	0	0	0
0	0	0	1	1
0	0	1	0	1
0	0	1	1	1
0	1	0	0	0
0	1	0	1	1
0	1	1	0	0
0	1	1	1	1
1	0	0	0	1
1	0	0	1	1
1	0	1	0	1
1	0	1	1	1
1	1	0	0	0
1	1	0	1	1
1	1	1	0	0
1	1	1	1	1

AB \ CD	00	01	11	10
00	0 (0)	1 (1)	1 (3)	1 (2)
01	0 (4)	1 (5)	1 (7)	0 (6)
11	0 (12)	1 (13)	1 (15)	0 (14)
10	1 (8)	1 (9)	1 (11)	1 (10)

$Y = D + B'C + AB'$

If (d) or (a and not c)
or (b not and c)
    print ("has access")
else:
    print ("access denied")

If ___ :
    print ("has access")
else :
    print ("access denied")