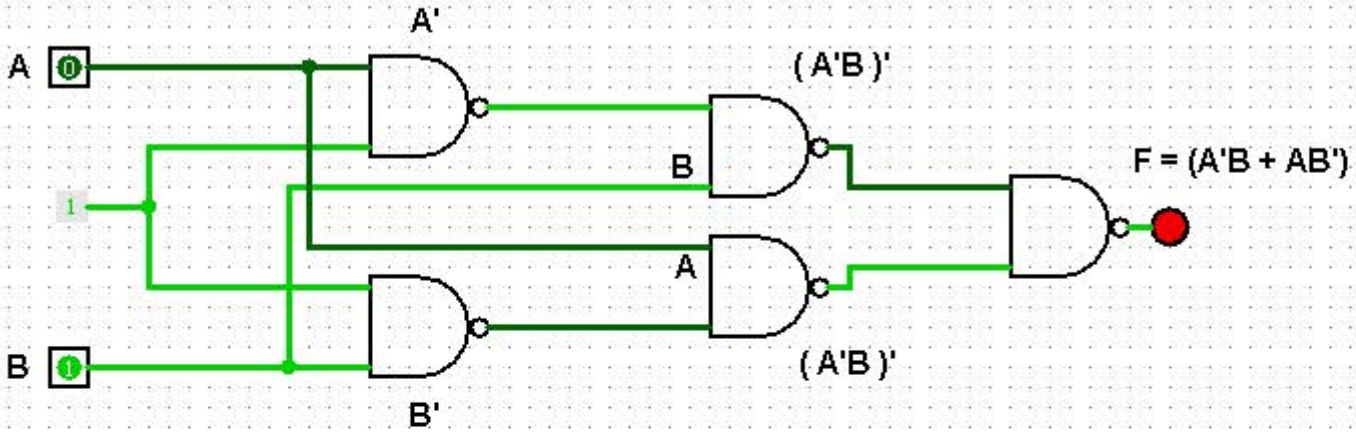
PART 1



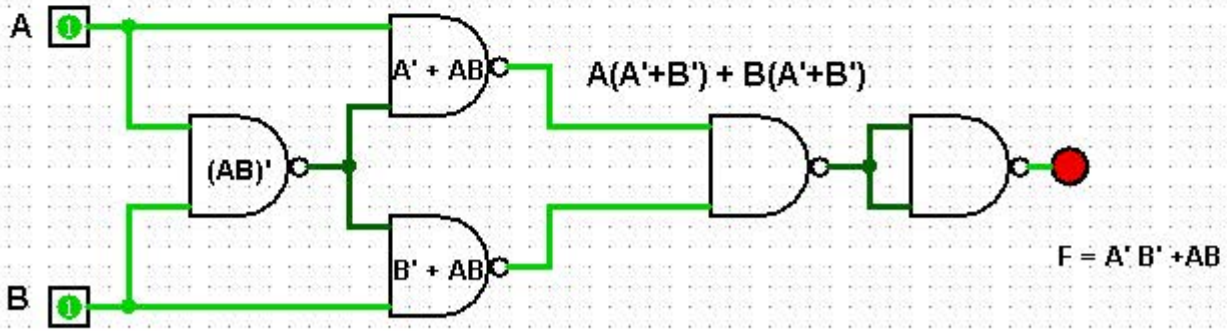
PART 1:

A	B	F
0	0	0
0	1	1
1	0	1
1	1	0

F = [(A′ B)′ (B′ A)′] ′

ANS : F = A′B + AB′

PART 2



PART 2:

A	B	F
0	0	1
0	1	0
1	0	0
1	1	1

G = [(A(A′+B′) + (B(A′+B′))] ′

G = (A′ + AB) (B′ + AB)

ANS : G = A′B′ +AB