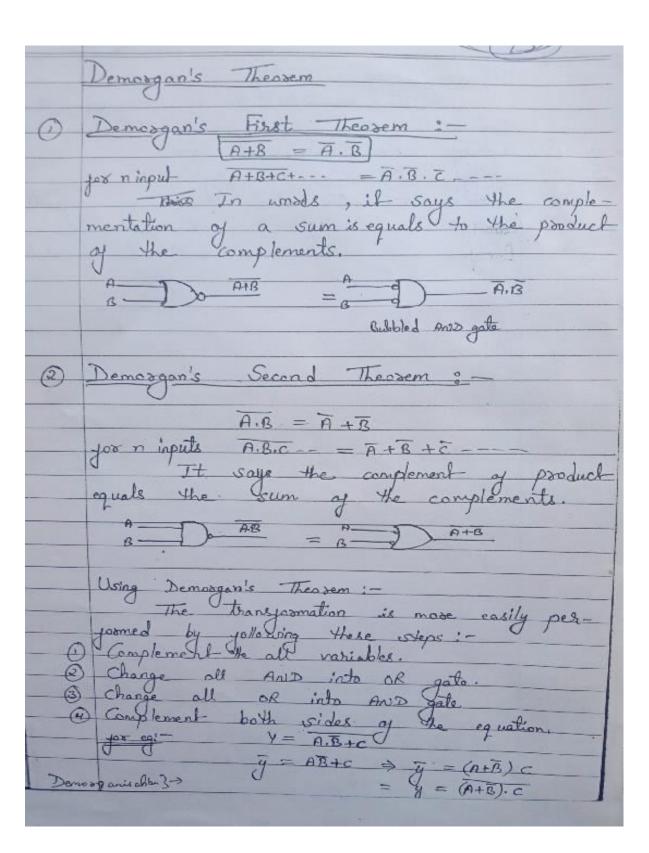


```
(Law 15)
             A.0 =0
             A.1 = A
(low 16)
             A.A =A
(Law 17)
                            A-LDO-D-O
             A.A = 0
(Law 18)
         A+(BC)=(A+B)(A+C)
(law 19)
         A+BC = A.1+BC (Low 16)
 Proofs-
             = A (1+8) + BC (Law 12)
                = AHAB+BC (laws)
                = A(1+c) + AB +BC (law 12 &16)
               = A.HAC + AB+BC (lows)
              = A.A + AC + AB + BC (2017)
              = A (A+c) + AB+BC
              = A(A+c) + B(A+c)
             = (A+c) A +(A+c)B (less)
             = (A+C)(A+B)
             = (A+B)(A+c)) have reliyed
      A+BC
(Law 20) A+(A.B) = A+B
        A + AB = A. I+AB
                = A (1+B) + AB
                = A.1 + AB + AB
                = A+ AB+ AB
                = A + BA+BA
               = n + 8(A+A)
             - = A+ B. )
      A +AB = A+B)
```



Theosem of Duality: convert theorem convert the Boolean relation into another Boolean health Change AND into OR sign Change OR into AND sign O's and O's of expression A+O=A Boolean relation =) A.I = A another Boolean relation