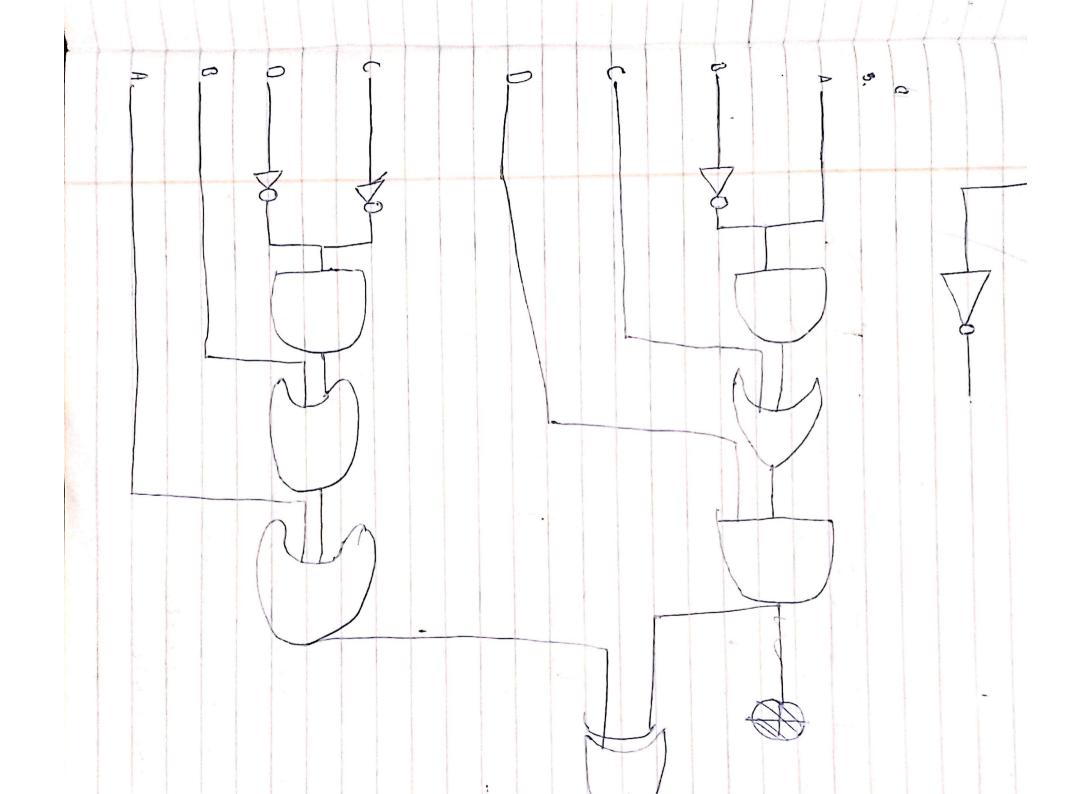
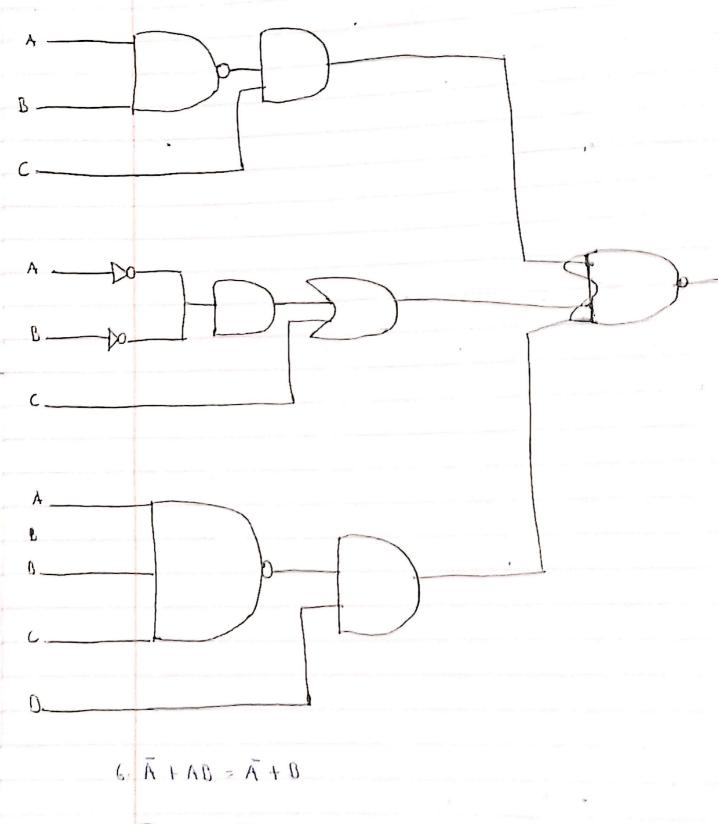
Assignment

1. 2.

10 (C+D)





contraction (CO+A) (A+A): BA+A

 $\bar{A} + A = 1$   $\Rightarrow Complement Law$ =  $2CA + \bar{A}$  $A + \bar{A}B = A + \bar{A}$ 

```
AIDAIAB = AIB

AIAB = (AIADCAIB) > Distributive Law
```

A + A = 1 - 6 mpliment law

A+AB=A+B~

(ii) A + A - B = A

AC2+B) Identity law = 1+B= 1

AC13 = A  $A + A \cdot 0 = A$ 

O. B + B = (A+ C) = A+ B.C

A.A.LA.C.18.A.L.B.C A.C.1+C+B+J+BC 1+A=1 -> Identity law A.M. 1+C+B=1 A.C.1.D.+BC