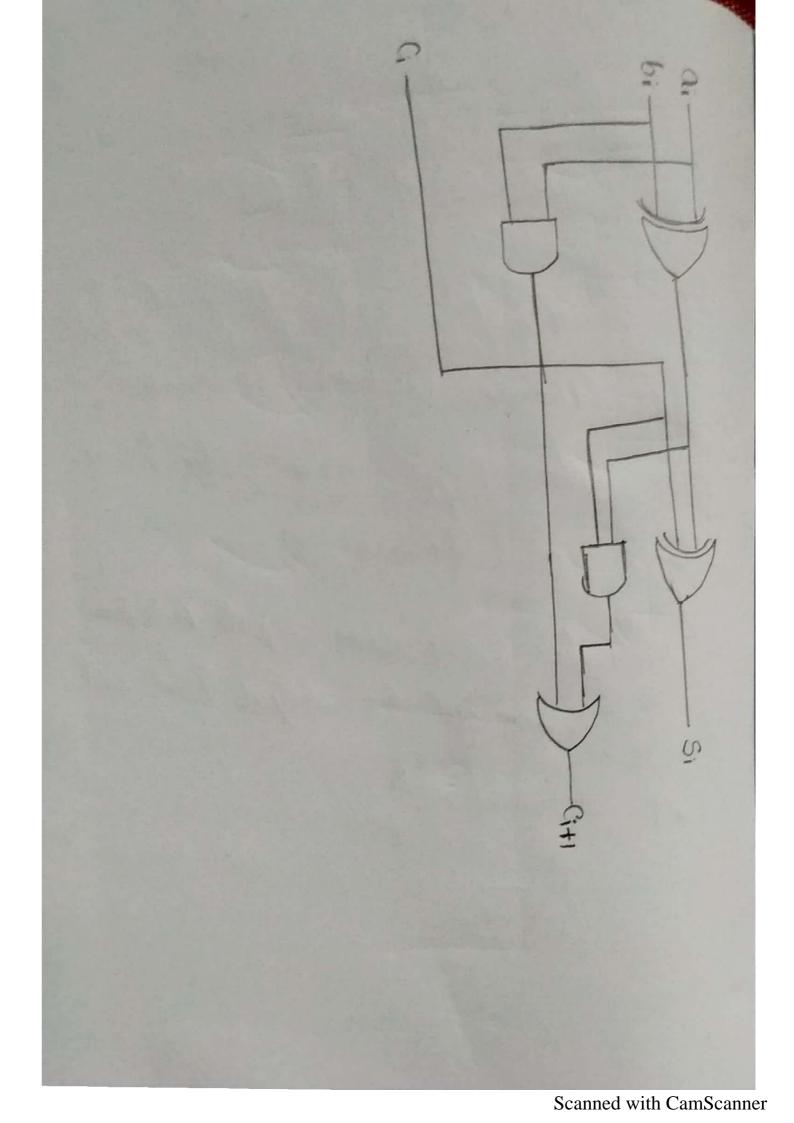
AND THE PROPERTY OF THE PARTY O Exercise - 8 ASM: To create carry lookahad Adder. PROCEDURE: Cin = aibi + (ai + bi). Ci Si = (ai Obi) (Ci Ci+1 = Gi + PiCi ; Si = Pi@Ci Gi = aibi ; pi = ai (bi Più a result of ai and bi XOR gate. Gi is a result of ai and bi AND gate. Cini = Gi is AND gate input and Pi is input of Si is the result of the input of Pi and XOR gate of G.



Cavy (sockahaad A dder (CLA)

G: Go + PoCo

C: Gi+ PiGo + PiPo.Co

C: G: H2Gi+ P2.Pi. Go+ P2.Pi. Po.Co

C: G: G: H2Gi+ P2.Pi. Go+ P2.Pi. Po.Co

C: G: G: H2Gi+ P3.P2.Gi+ P3.P2.Pi. Go+ P3.P2.PiPo.Co.

C: G: G: G: H3.G: H3.P2.G: H3.P2.G: P1.Po.Co.

