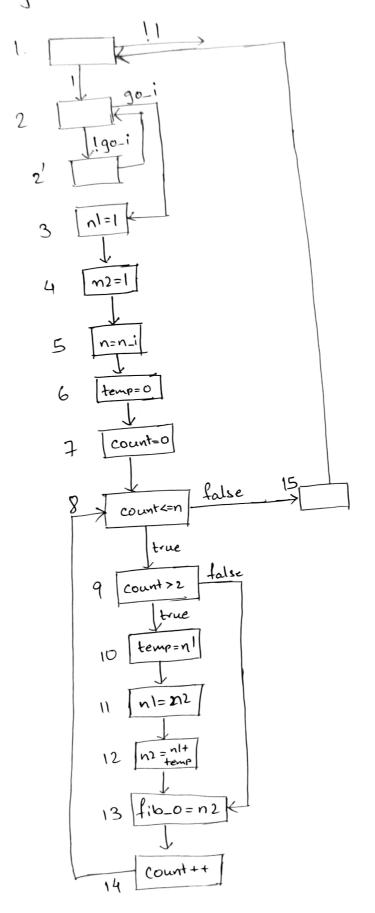
ASSIGNMENT-1. SUB. CODE: CSCSO2. NAME: DIPTANGSHU DEY ROLL. NO: 20058018. · Algorithm. int nl, n2, temp, count, n; while (i) { while (190); n(=1; n2=1; n=n-1; count = 0; temp = 0; while (count <= n) { if (count > 2) { temp=nl; n1=n2;n2=nl+temp; fib\_0= n2) count++;

· State diagram.



· Datapath. m-i nlatemp nbit 2:11 nbit 2:1 nl\_sel ynbit 2:1 nz-sei country temp-set. scount Hemp n2 nl-ld 1 n2-1dtemp-ld <=K countild ++ n-1d-Count>2 count <=n fib-0