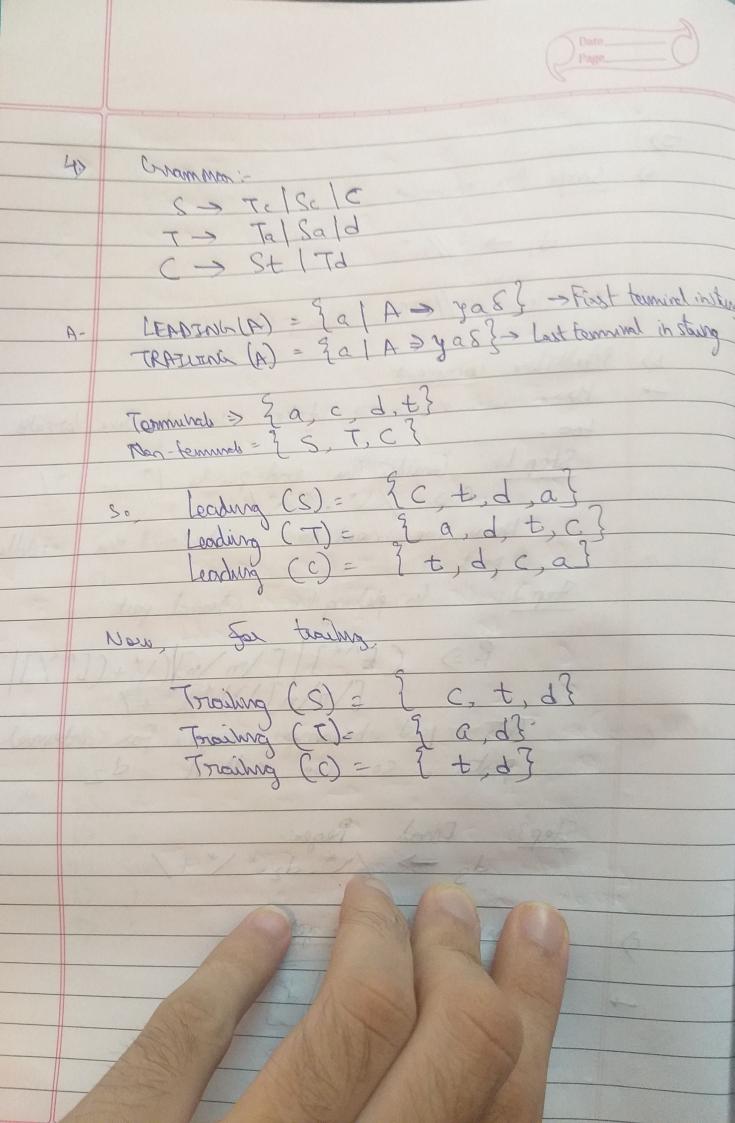
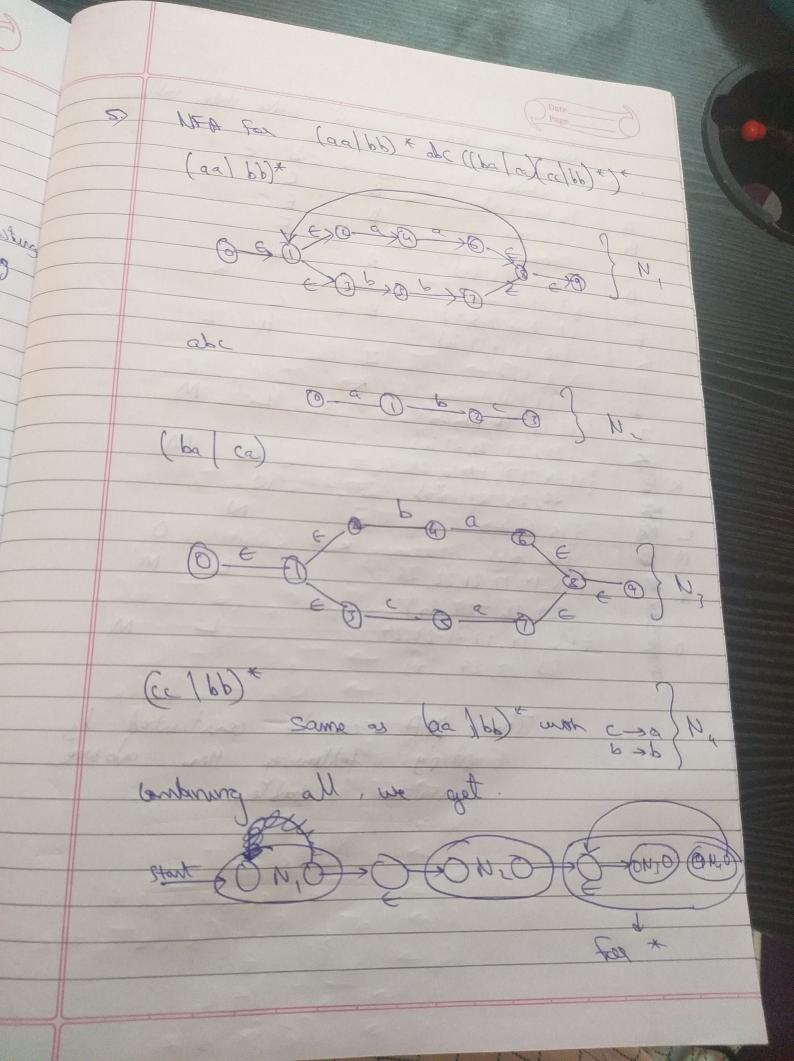
CSPC41 - Compiler Program 1) A quere is a FIFO date standard which does Not provide direct access to its data members.
Moreover to passe transport a queue, we would and seeds of suchuret and reallance sociepare papped out [Key, Value] pains, thereby greatly increasing the acceptions and also the Space Complenity. Thus, we CANNOT use a guerre for symbol prints (" The sum of %d numbers & is 1/d", n, sum) So, the tokens would be:-1> paints 2) (
3.) "The sum of ", I number is ", I" > Plung Hers! 3) Single live comment d, > 11. \* arus string abos unt / - edgmans tremma sulther (a Here we need to take are of lose breaks Step!: Consider the end-points (\* --- \*)

A=> /\* \* \*/ Now we need to undestand the middle part. Ap 2: langleting the internal post: This post becomes regen for internal port., so, we call it dz. Step3: Final Regen:top ou that privilinal dy -> d3 ld, 9 Ary





use make state bable Now, for consession M 7,19,20,21 M 313, 14, 17, 21, 22, 25 27, 28, 29, 30 213, 14, 17, 21, 22, 24 25, 28, 29, 30} The DFA cambe constanted smply following the above table. Familier

6) R > (R) | CT T > +R | +R | E R { (, c} T { +, x, e} Follow \$3 . \$3 Paying Table R R R (R) TOTA TOTAL TOE Let stong -( = + ( c \* c) \$8 C+ ((\*)\$ R->cT C\* (C\*C) & motions pap \$7 \*+ (c\*) \$ TAHR + ((\*)) modeling pop \$ R+ JR. (c+0)\$ P > CR ((\*0)9 modely pop ) N( E we can match the internal c+c Survivaly Accepted

Satalsaldale Talsaldale Castle ordering S. T. C S-> To Sp CSp SP -> CSP/E Subthating S -> Te Sp CSp

To Ta | Te Spa | CSp | d T> CSeTe | d Te

T> aTe | cSea Te | e

C> S+ | Td

by processing & substituting, C-> dTRESPECK 13 TRACE. CI > TRC" | t CR So, Frak Powdustans; S-> TSR CSR Se > Se | E T > CSRTR | dTR Te > QTR | CSRATR | E C> dT eSRT CR | dTR dCR CR > SR E | E ( > TRC" )+CR (" > SETCR/dCR.