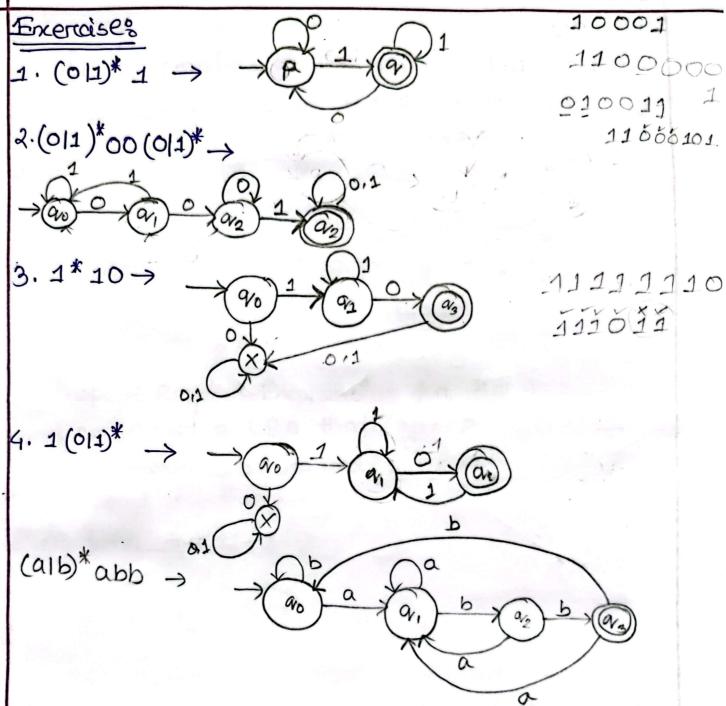
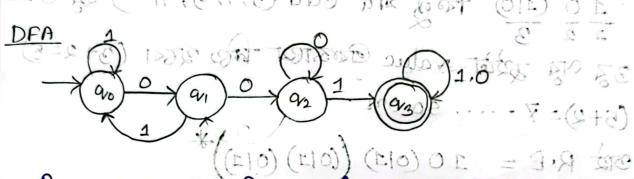
7. L ((0+1)\*) = L(E) &UL(0+1) UL((0+1)(0+1)) U = { 2 } 0 { 0, 1 } 0 { 00, 01, 10, 11 } 0 { 000, 001 (epougras landing phylos calls) spongras configuras a formulational be expressed using \* L= (WIW consists of 0's and 1's which is of even length and begins arith 01} 01 (011) (011) \* milh otomo moto R. Expressions mobin paralo el apondron rombas es even length & oran DECOMS: ITEL RITER UNEUN OFICH DEAR RAPPICAL EThe class of Ribin clase from 2 Pot R. L Go Concedionation (2) 60 0,1 \*(1)]=(\*1)] 3-1(EE) = (B)(B) = (E){(E) = (E) ] - (E C -> क लांचा आह्य woworgs उन्हें वीकार्क हम जांदवर 01 ener enlay: { [ (0+0) ] = ( [ ) ] ( (0) ] = ( [ +0) ] . S C. L (0\*1) = L(0\*) L(4) - L(E+O+OC+OC -) L(1) =(F(E)+ L(Q)+L(Q)---)(L(Q) YES E-+ 400 } + 405 + 328 = \$ 16,000 ... \$ \$ = Trans. m. L.S



2: Propose Regular Ex and construct a DFA.

L={wiw consists of 0s and 1s that contains a substraing of 2 or more 0s followed by a 1}

Anso R.E = (0/1) 001 (0/1)



go Propose Regular Emprossion for the tollowing language and construct a DFA that accept L(1(011)\*0)

L={w|w consists of As and Bs in which two Bs do not come together.}

Ans: DFA for L (1 (011)\* 0):

R.E. (A + AB)\* B(A+AB)\*

ONATION AND A BOND BBX

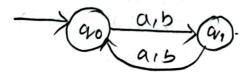
(BA + A)\* (E + B)

BA -ABAB BAA -AABAB BAA -AABAB

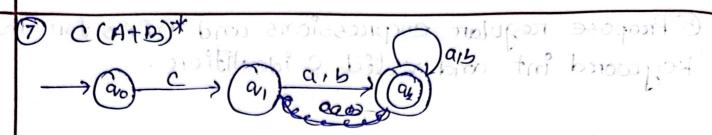
3) Propose R.E and construct a DFA 1 = ZwIw consists of Os and 15 which is of ODD length start with 10/ 20 to prostre due Start 260 1 0 मिल्न जिड Ans: Gravee Vogg publy याशक प्रस्थ प्रमु ३ रहा प्र 10 (10) किनु मिर्व odd (5,7,9, 11...) भ्या जणा 3 व पव क्षेट्रेट value जिल्ह्यास्य किए शह्य। (3+2=5) (5+2)= 7 - .... so on. Out B.E = 10 (017) (017) (017)\* constitued a DPA that accept L (1

over alphabet 20, by

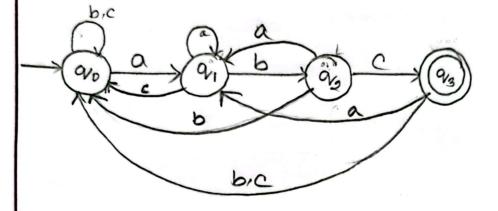
Ams: (a1b) ((a1b))\*



@ Propose regular expressions and DFA6 for the keyworld int and valid C identifier. valid C identifier holy soon from 14 and form 18 Letter. 6 30FA for bon mod 2 = 0, m/2] ODFA accepts the language having all a beton all's RE: 0 \* 6\* abbb



less DFA that accepts strongs ending aidth abo → (alblo) abc



3 DFA {a b n mod 2 =0, m>1

any number of b then.

R. P → (a.a)\* b\*

