4:5

even teven seven odd todd a even.

Listab, abob and haabbb.

P. E. & (aa)*a (bb)*b+ (aa)*(bb)*

-> (aa)*a (bb)*a (bb)*a (bb)*

-> (aa)*a (bb)*a (bb)*a

12 n > 4, m 23 & aaaa, aaaab, aaaaaabb

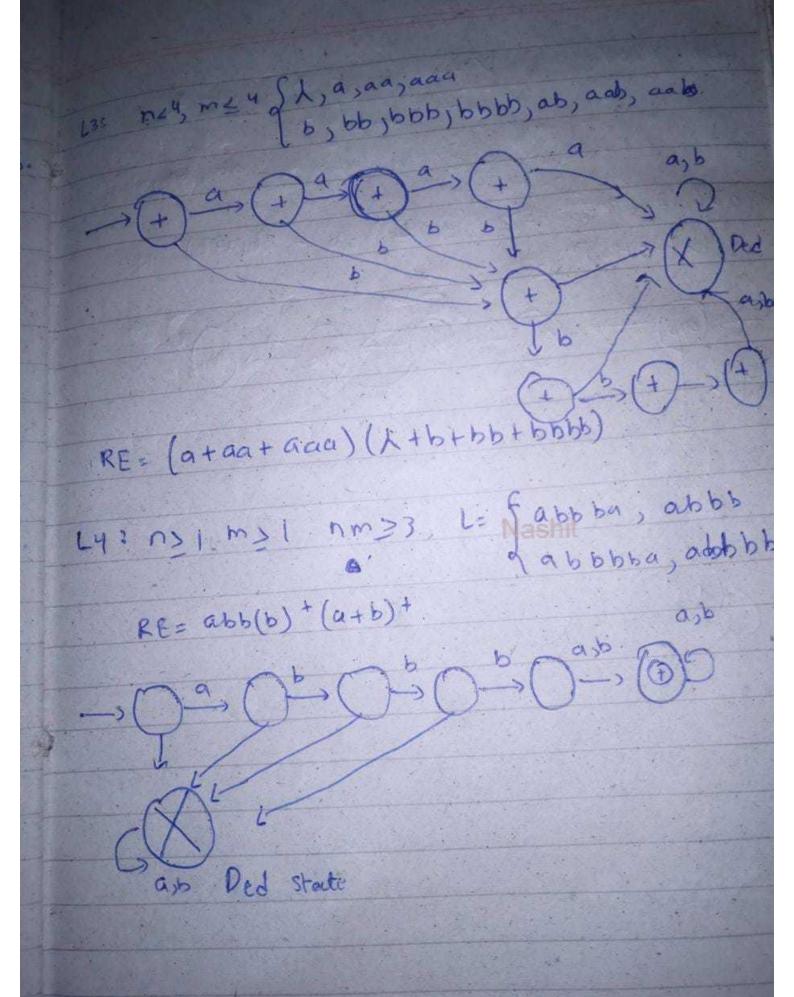
aaaaaa, aaaaaab, aaaaaabb

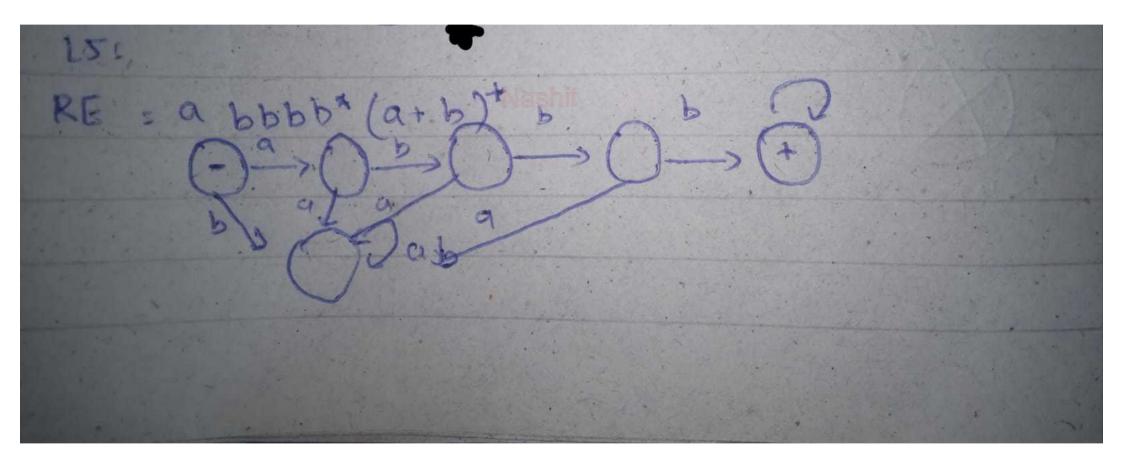
->(a) a (a) a (a) a (a) a (b)

b b b b

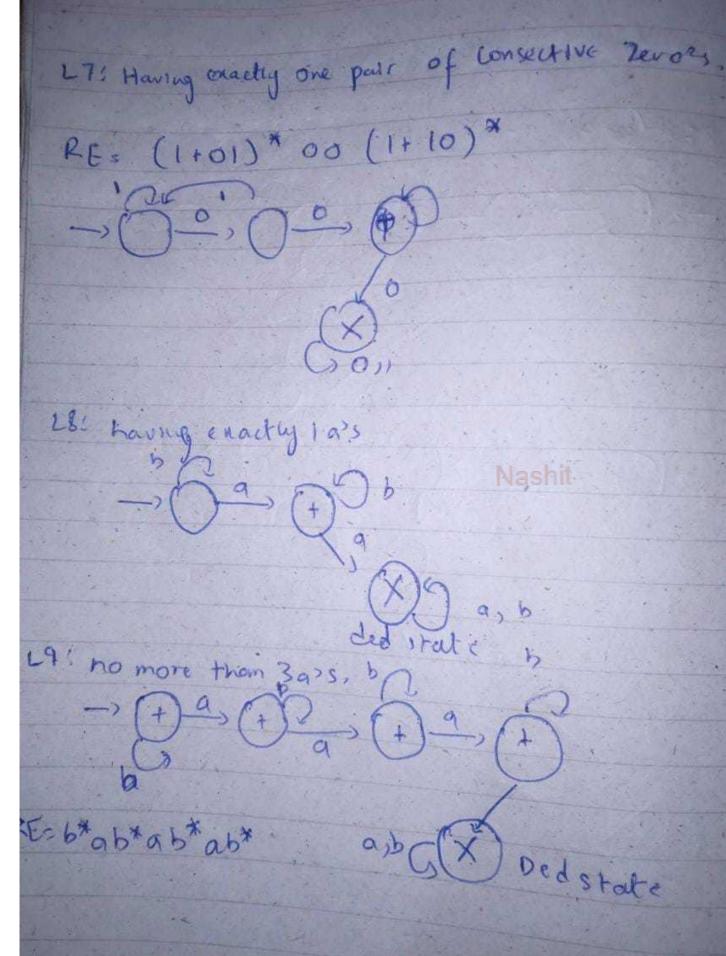
Del state

P.E. aaaa(a) * + aaaa(a) * (b+bb+bbb) (+)

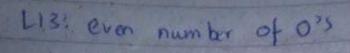




Lbegaabb, a a ab (a+b)(a+b) (a+b)(a+b)(a+b



LIO: All letters must occer once RE = (a+b) * a(a+b) * b(a+b) * + (a+b) * b(a+b) * a (a+b) * a LIK all strings ending with 0, Nashit (D+1)* L12; all strings not Ending in 0,1 RE= 15015 (0 H) *

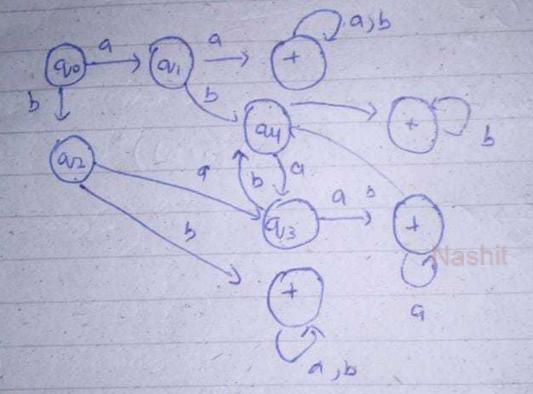


US's all strings not containing 10) RE: 0* (1*000*) 1*0* Lib: [w] mod 3. ((a+b)(a+b)(a+b))* namod 3 6* + (b*ab*ab*ab*)*

L18: Language of all strings containing exactly two as RE: b*ab*ab* a, C(X) 6.0 L19; at least two as, RE= (a+b)*a + (a+b)* a(a+b)*
Nashit a) (a) 2 ab 205 donot end with ab (atb)*(aa+ba+bb)

Lzi: begin with an or bb

RE: aa(a+b)* + (a+b) * aa + bb(a+b)* + (a+b)* bb
+ aa(a+b)* bb + bb(a+b)* aa



1221 not containing 'aa'

