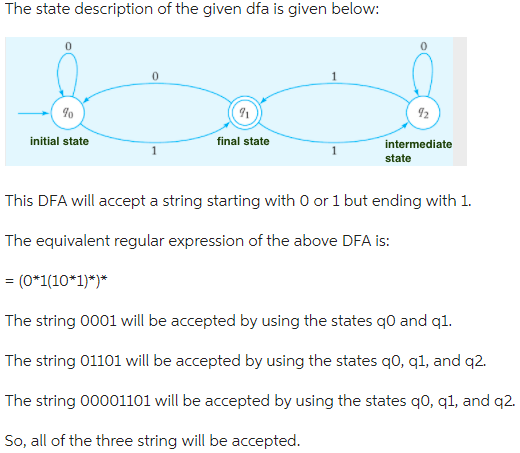
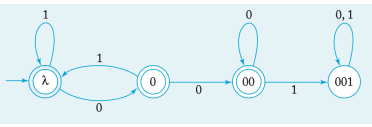
2.1

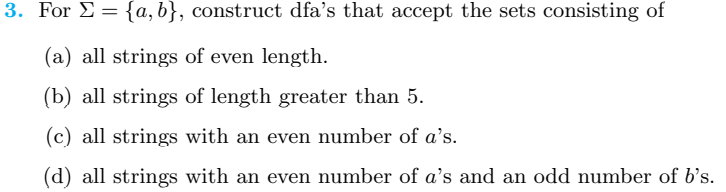
1



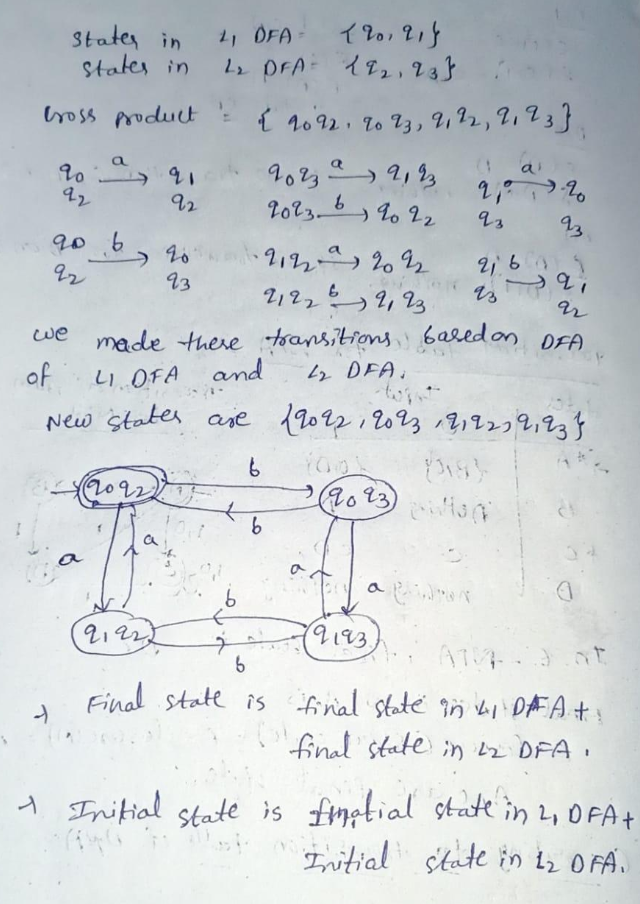
2

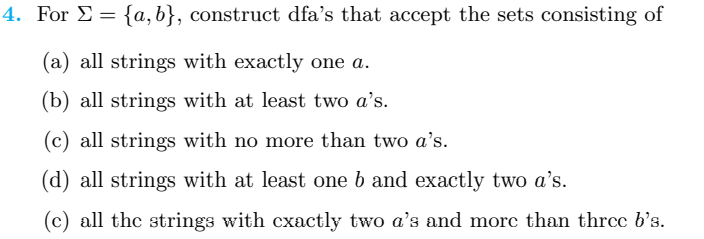


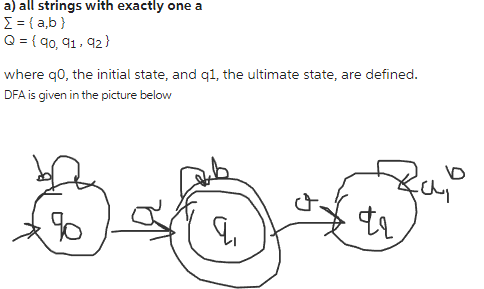


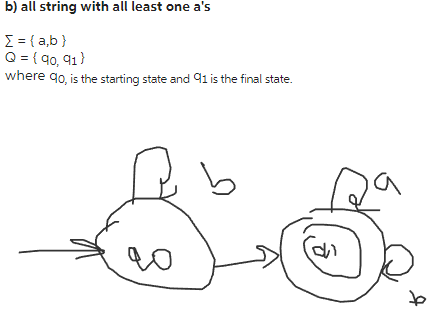
3 

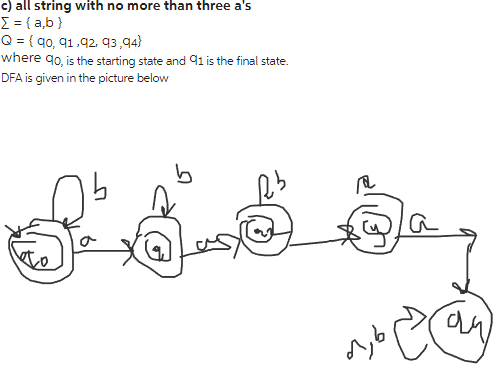
E = { a }
}
al all strings of even length
aib
(21
L=16, aa, ab, 66, 69, Gaga
90
aid
6) all Strings of length greater than 5.

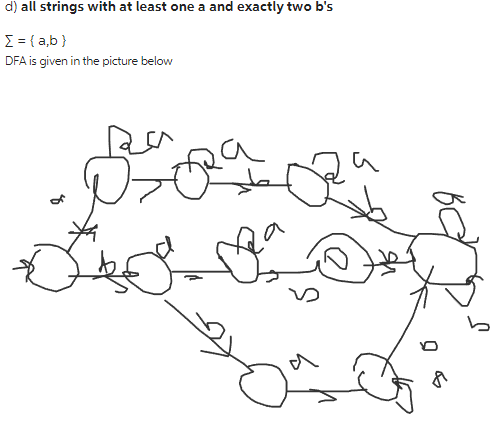


4









5. Give dfa’s for the languages

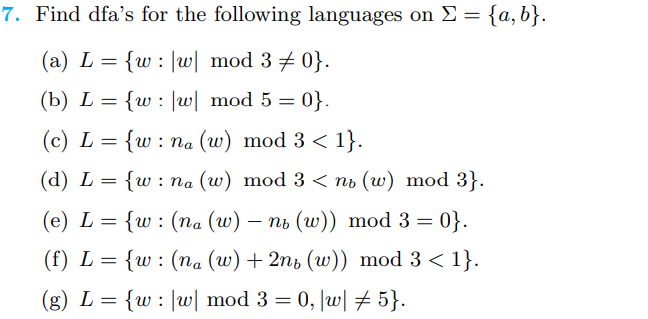
(a) L = ! ab4wb2 : w ∈ {a, b}∗" .

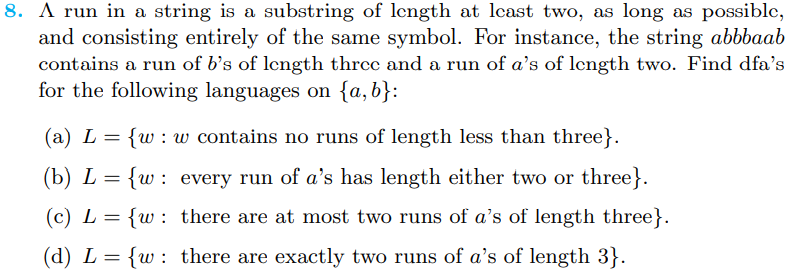
(b) L = {abnam : n ≥ 3, m ≥ 2}

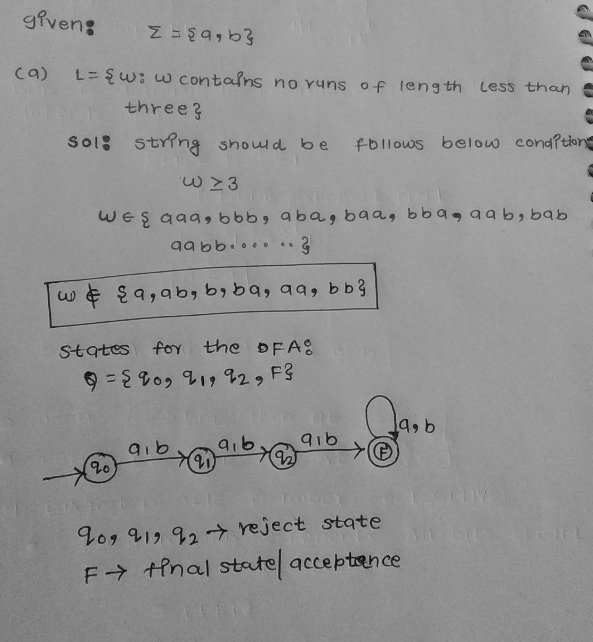
.(c) L = {w1abbw2 : w1 ∈ {a, b}∗ , w2 ∈ {a, b}∗}.

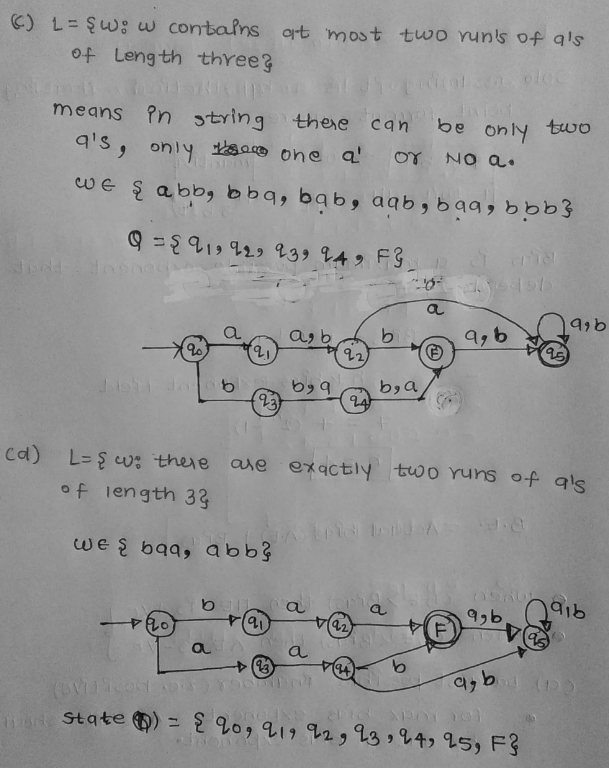
(d) L = {ban : n ≥ 1, n #= 4}.



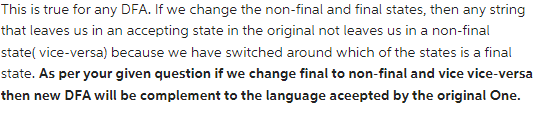


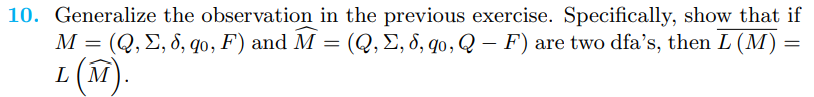


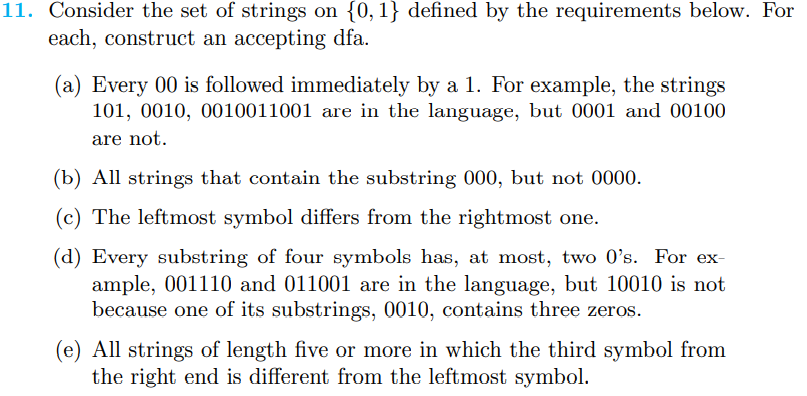


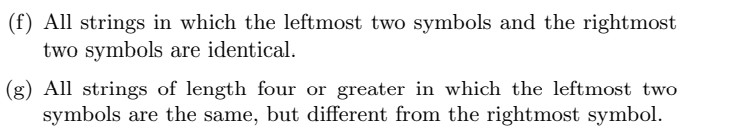


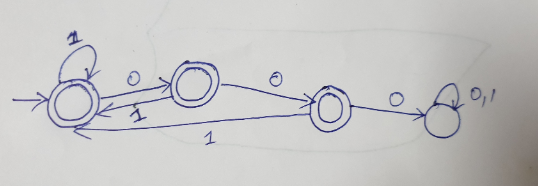


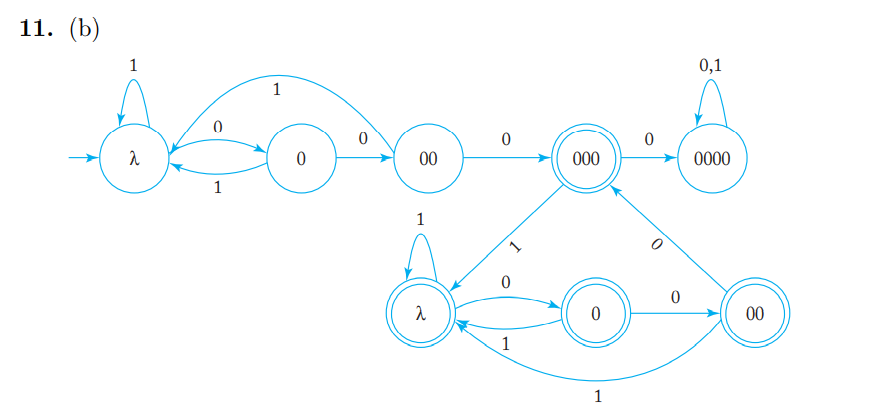


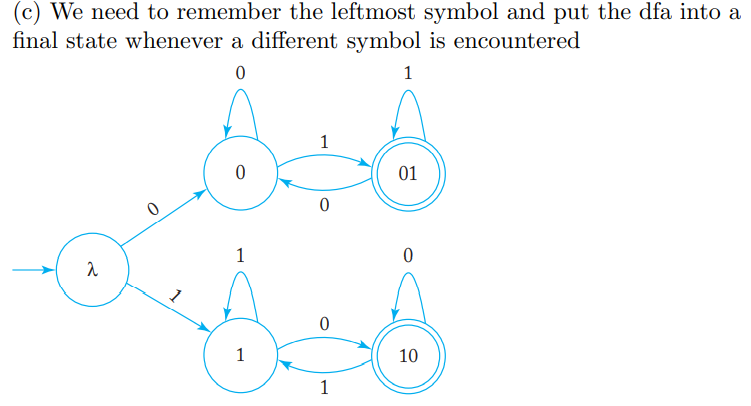


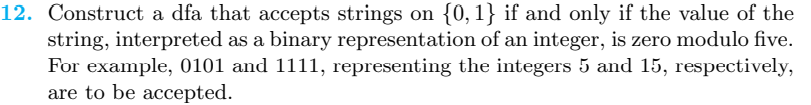


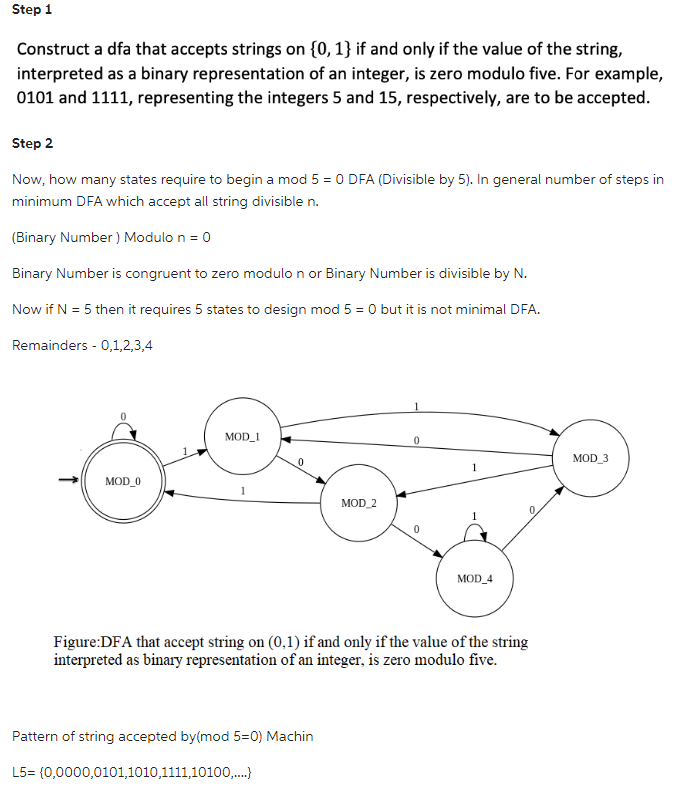




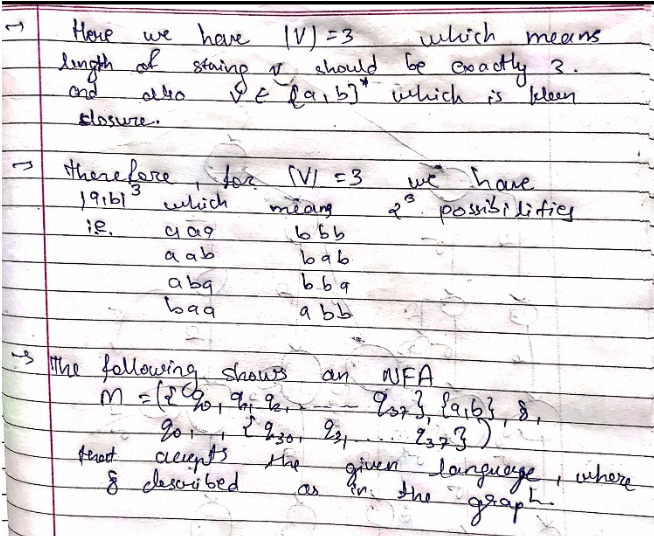


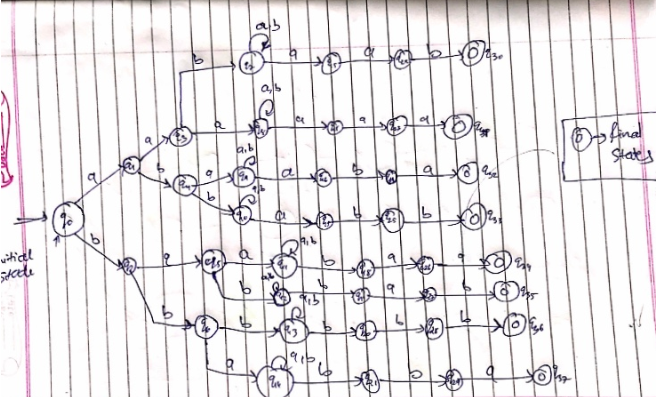
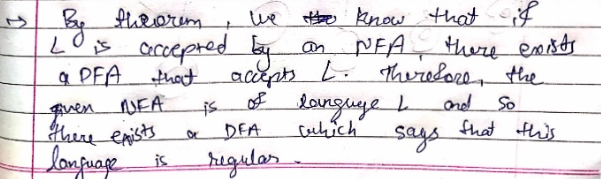














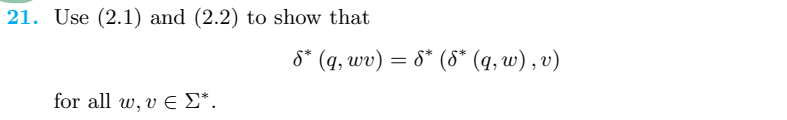
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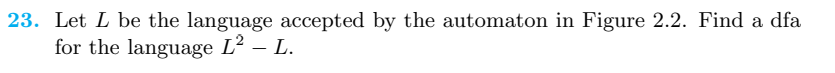
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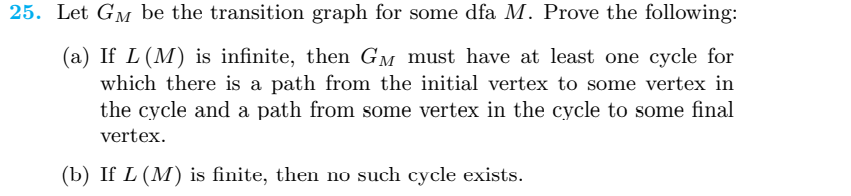
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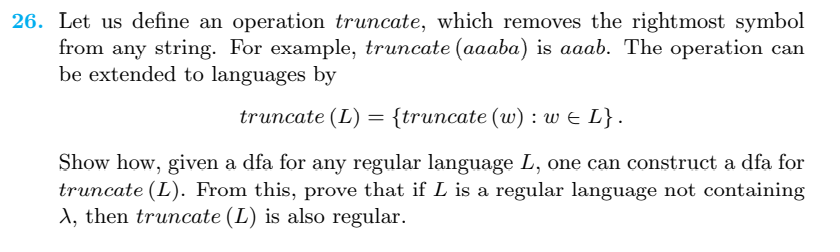
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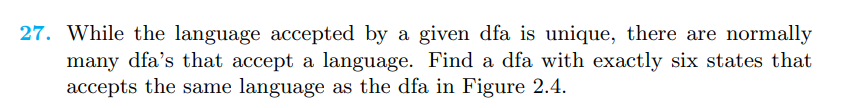
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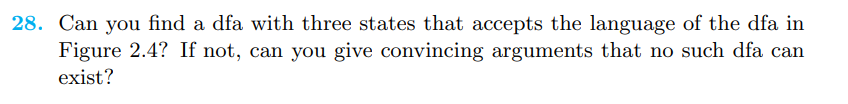
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