Date: M T W T F S S

HOME TASK #02.

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20K-0477

$\Sigma = \{a, b\}$ or $\{0, 1\}$.

Question # 01:

$a^* b\, a^* b\, a^* b\, a^*$

Question # 02:

$(a^* b a^* b a^*) + (a^* b a^* b a^* b a^*)$

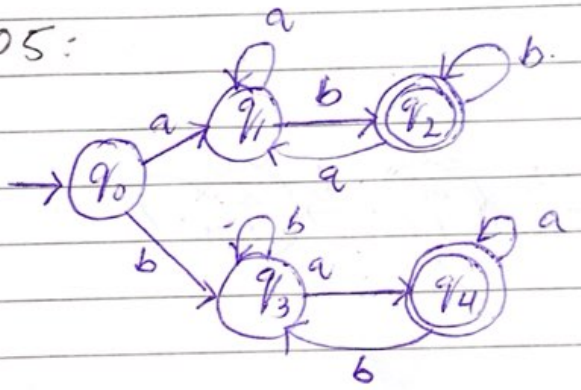
Question # 03:

$(a+b)^* . (aa + bb)$

Question #04:

$(\lambda + b + bb)(ab + a + abb)^*$

Question # 05:



$(a(a+b)^* b) + (b(a+b)^* a)$

Signature

Date:

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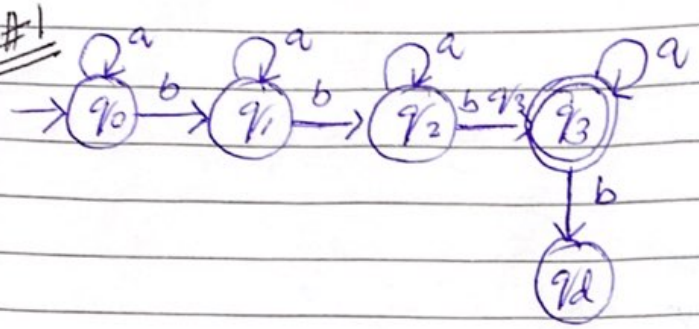
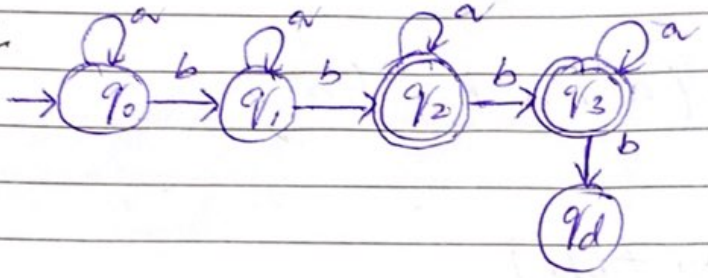
Design Finite automata for Q 1 to 5.

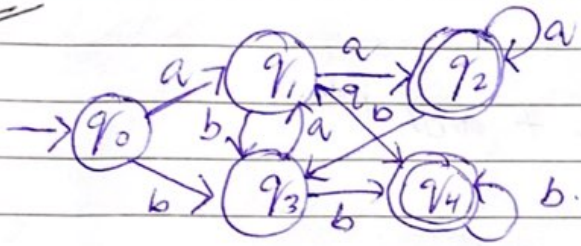
Q#1



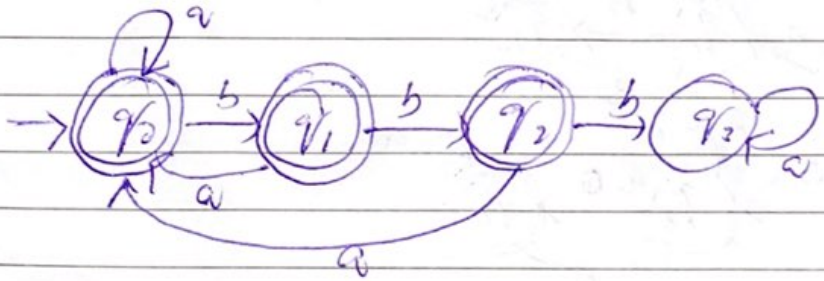
Q#2



Q#3



Q#4



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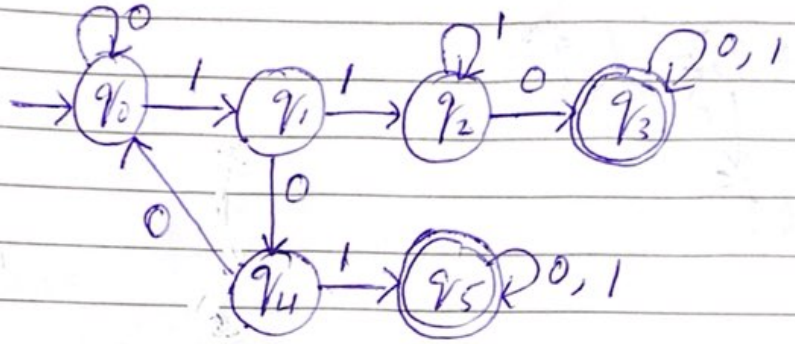
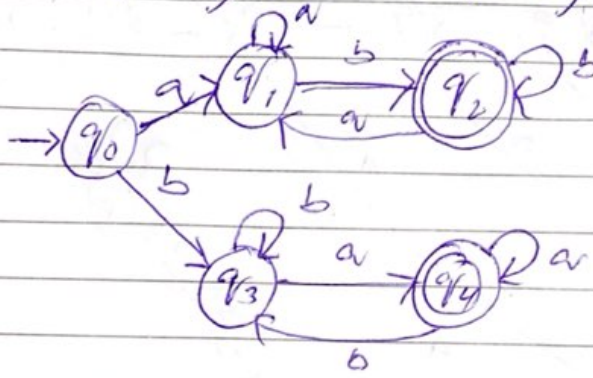
Question #06 :

$(1+0)^*(101).(1+0)^* + (0+1)^*(110).(1+0)^*$



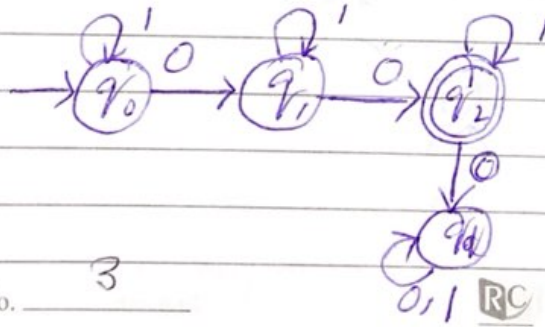
Question # 08 :

$a(a+b)^*b + b(a+b)^*a$



Question # 07 :

$1^*01^*01^*$



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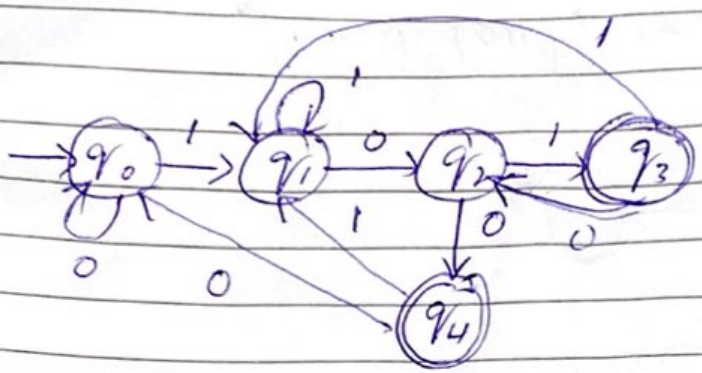
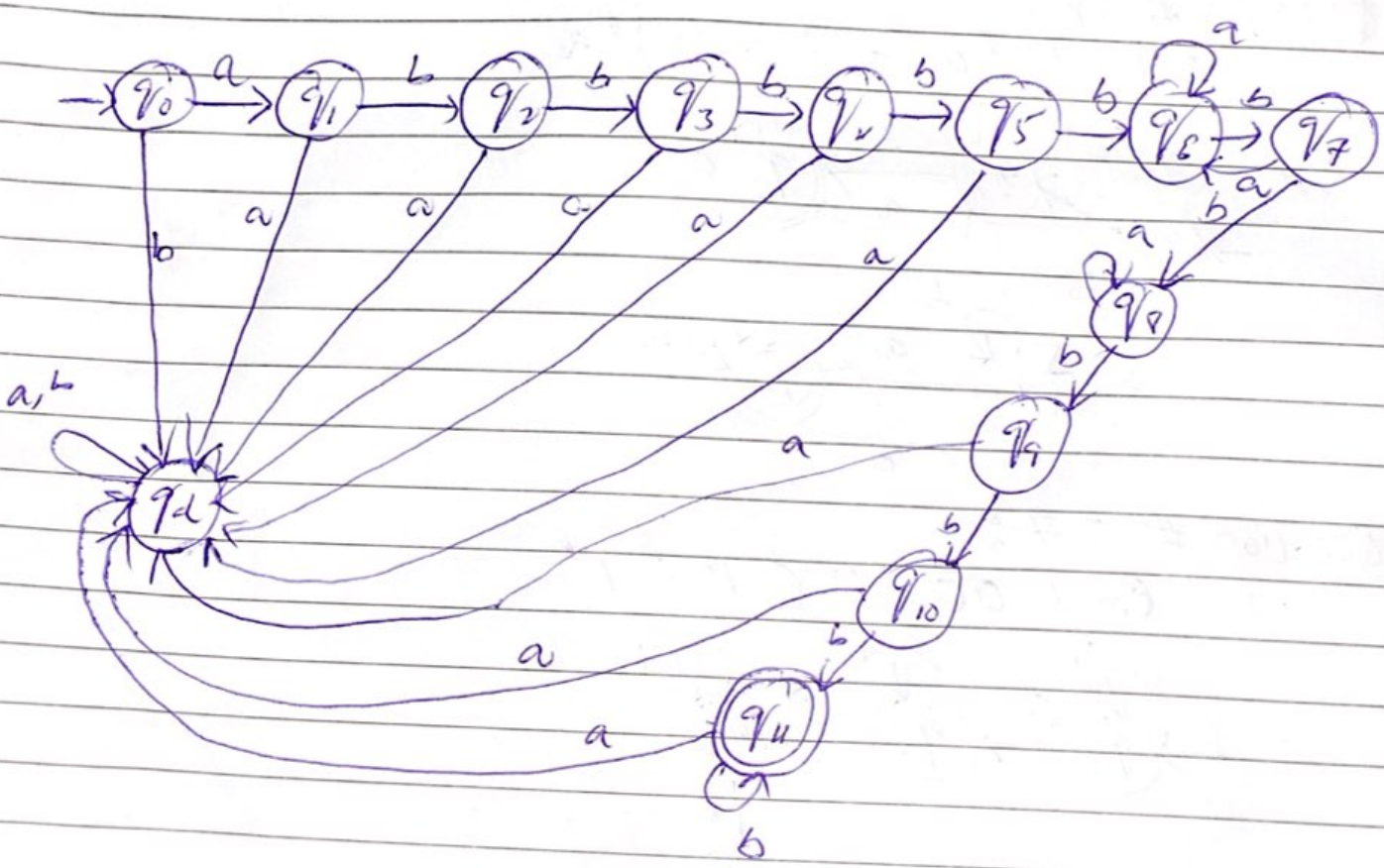
Question # 09 :



Question # 10 :



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