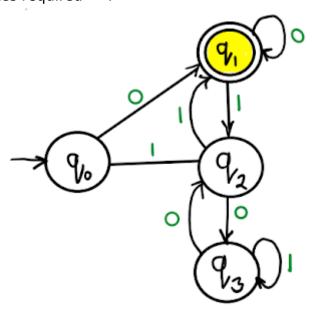
RGPV 2010

Construct a finite automta that will accept those strings of a binary number that are divisible ny three.
or

RGPV 2009

construct DFA for binary integer divisible by 3

Ans. Some example strings = {0, 11, 110, 1001, 1100} Minimum number of states required = 4



Related posts:

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- 2. DFA ending with 00 start with 0 no epsilon | RGPV TOC PYQ
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- 19. Regular expresion to CFG
- 20. Regular expression to Regular grammar
- 21. Grammar is ambiguous. $S \rightarrow aSbS|bSaS| \in$
- 22. leftmost and rightmost derivations
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- 24. Definition of Deterministic Finite Automata
- 25. Notations for DFA
- 26. How do a DFA Process Strings?
- 27. DFA solved examples
- 28. Definition Non Deterministic Finite Automata
- 29. Moore machine
- 30. Mealy Machine

- 31. Regular Expression Examples
- 32. Regular expression
- 33. Arden's Law
- 34. NFA with ∈-Moves
- 35. NFA with \in to DFA Indirect Method
- 36. Define Mealy and Moore Machine
- 37. What is Trap state?
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- 40. Mealy to Moore Machine
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- 42. Diiference between Mealy and Moore machine
- 43. Pushdown Automata
- 44. Remove ∈ transitions from NFA
- 45. TOC 1
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- 47. What is Regular Expression
- 48. What is Regular Set in TOC
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- 50. DFA end with 1 contain 00 | RGPV TOC draw
- 51. RGPV TOC design finite automata problems
- 52. Minimization of DFA
- 53. Construct NFA without ∈
- 54. RGPV TOC PYQs
- 55. Introduction to Automata Theory