

L2.1 Pushdown Automata Example (Even Palindrome) PART-1

Pushdown Automata - Example (Even Palindrome) PART-1

Construct a PDA that accepts Even Palindromes of the form

$$L = \{ ww^R \mid w = (a+b)^+ \}$$



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PALINDROMES: A word or sequence that reads the same backwards as forwards.

Examples: NOON

NO LEMON NO MELON

123321

abba

RACECAR

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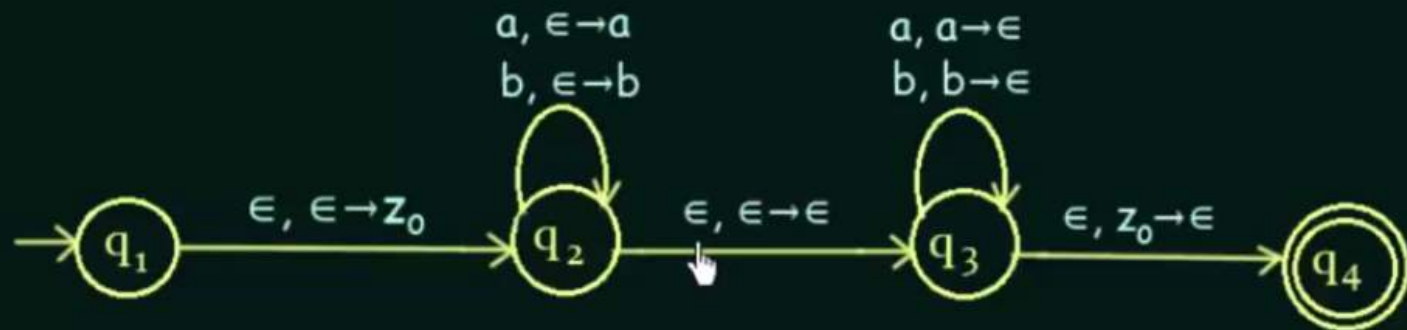
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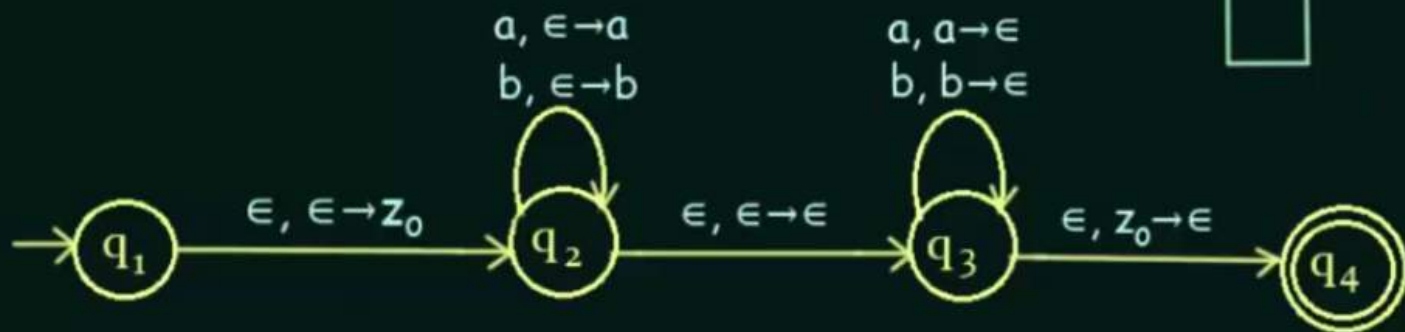
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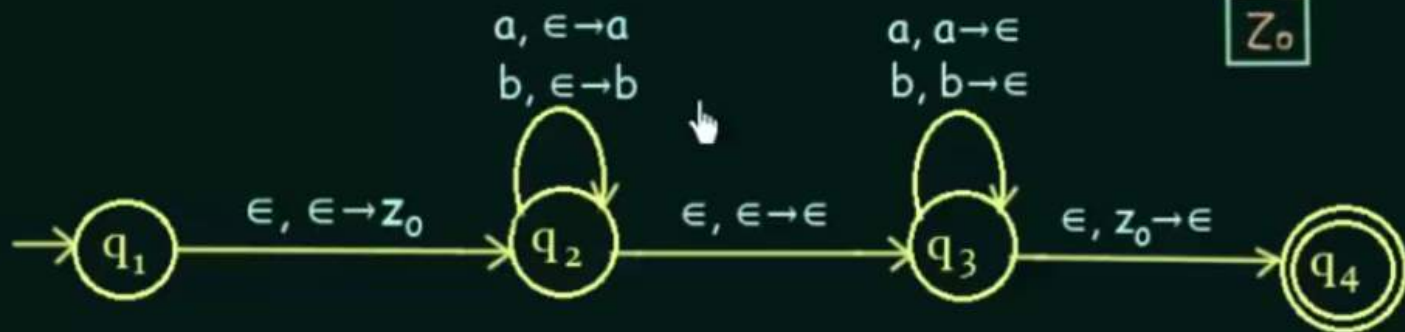
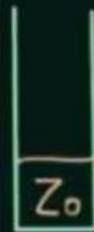
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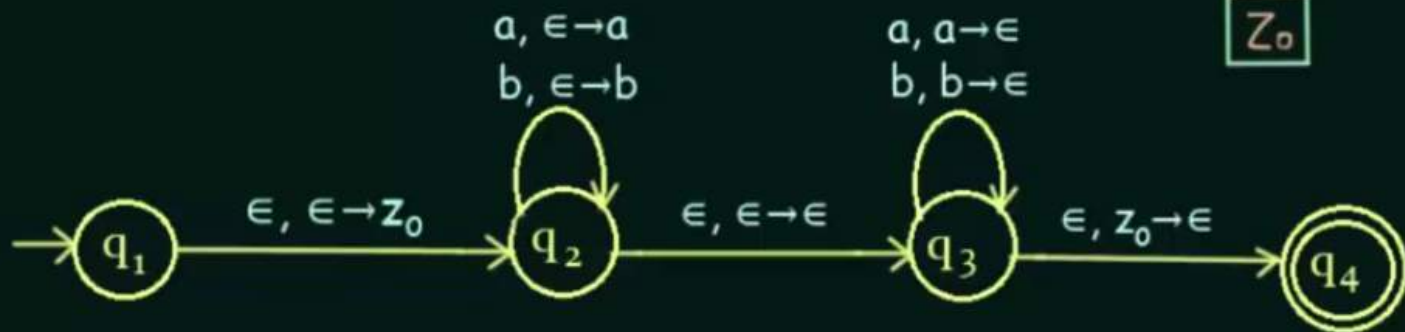
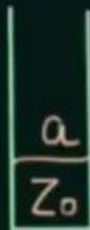
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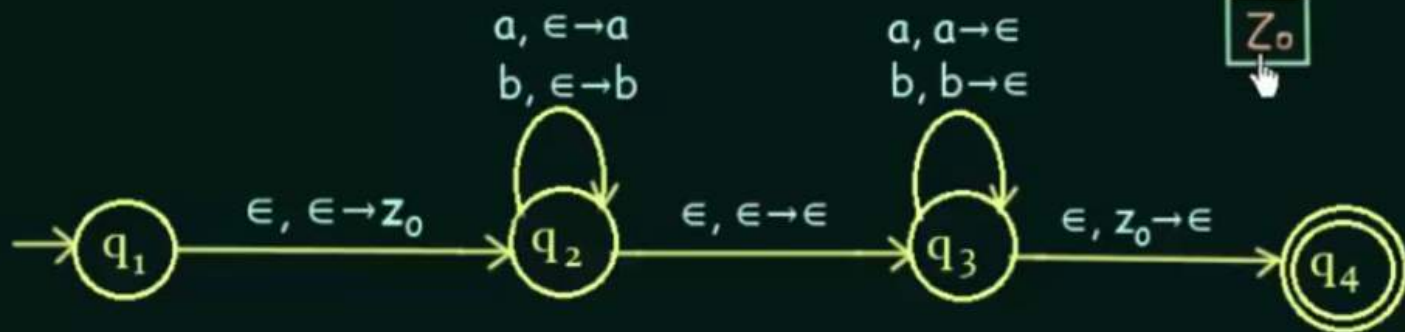
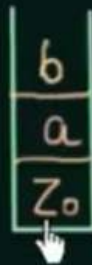
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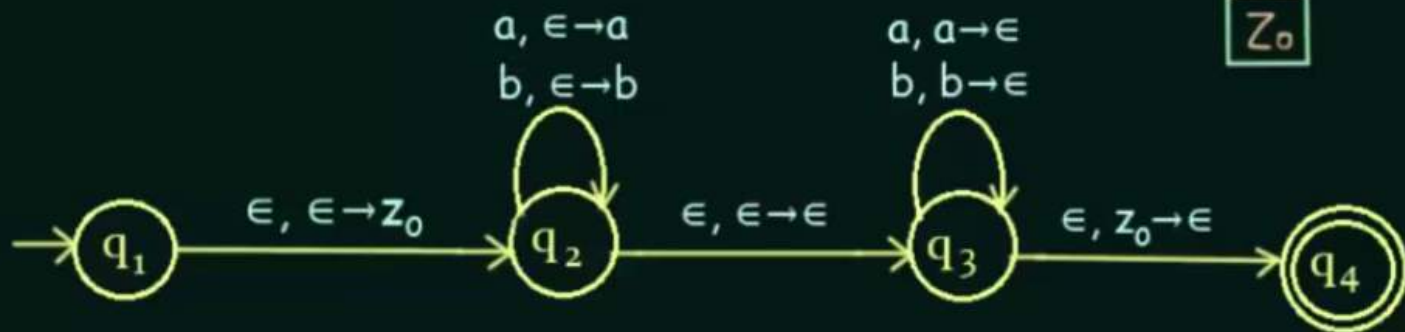
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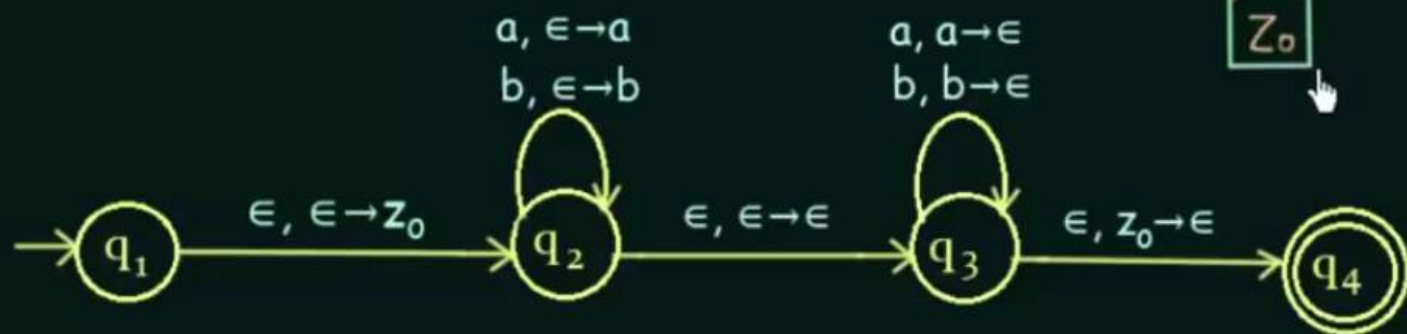
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a b | a b ✗

