

L-15 Construction of Mealy machine-2


Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

aa - 1

bb - 1 

Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

aa - 1

bb - 1

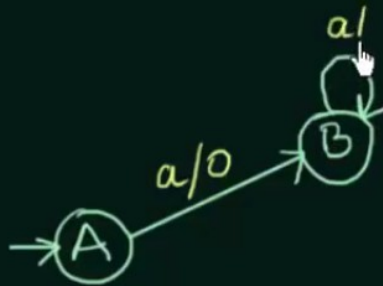


Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

$aa - 1$

$bb - 1$

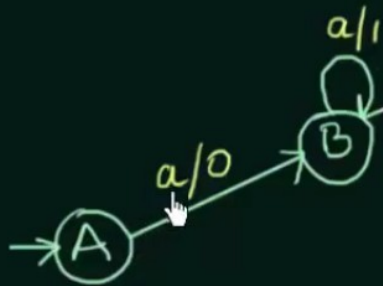


Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

aa - 1

bb - 1

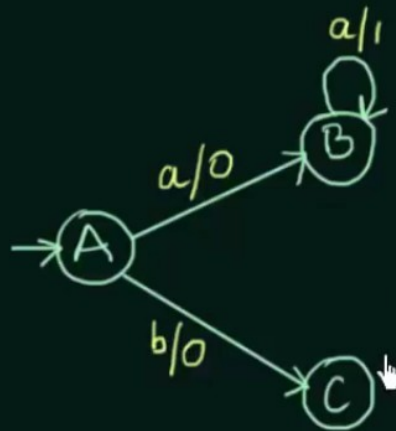


Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

$aa - 1$

$bb - 1$

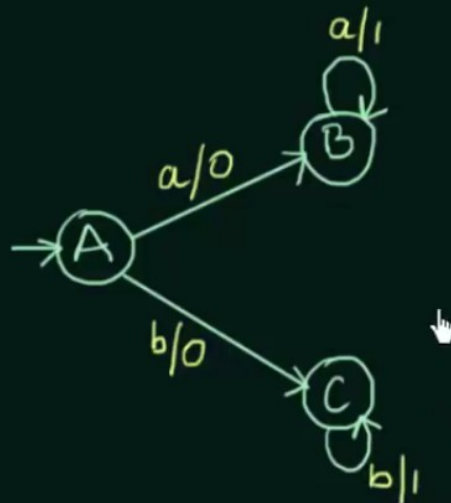


Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

$aa - 1$

$bb - 1$

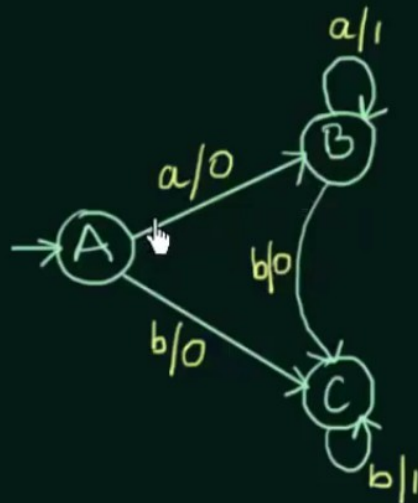


Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

$aa - 1$

$bb - 1$

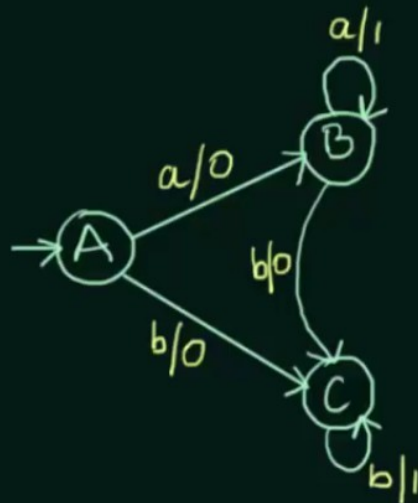


Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

aa - 1

bb - 1



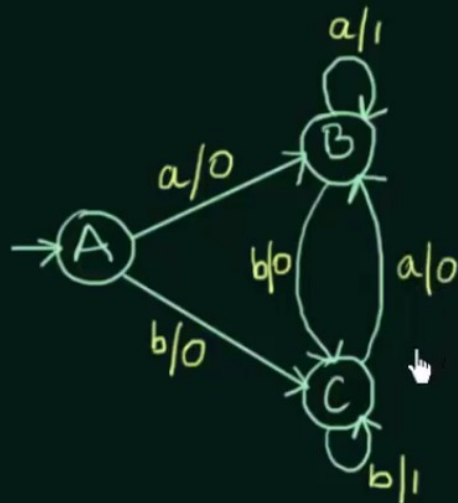
abb

Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

$aa - 1$

$bb - 1$



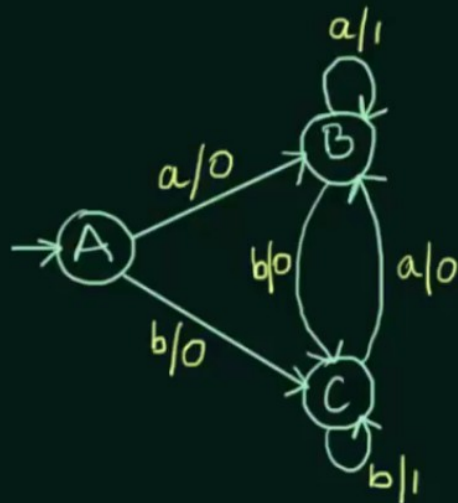
$a \underline{bb}$

Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

aa - 1

bb - 1



abb

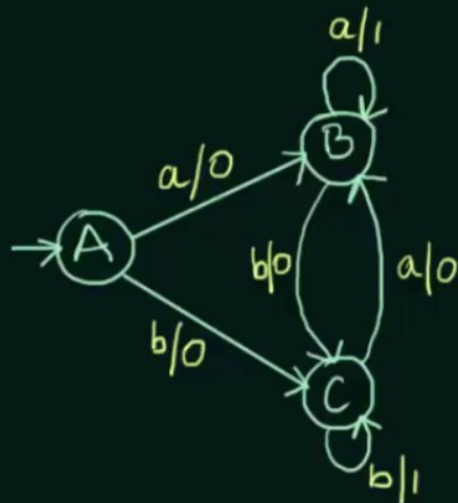
baa

Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

$aa - 1$

$bb - 1$



$a\underline{bb}$

$b\underline{aa}$

ba

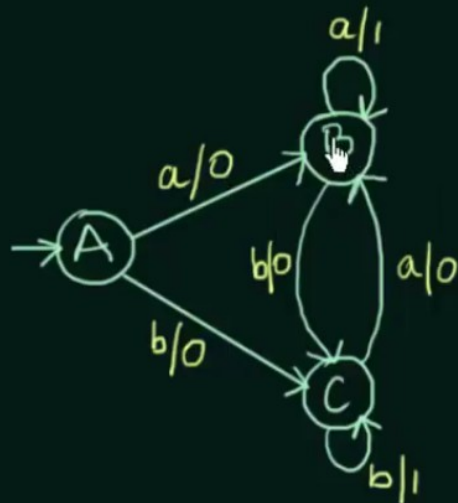
00

Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

$aa - 1$

$bb - 1$



abb

baa

ba

oo

aa

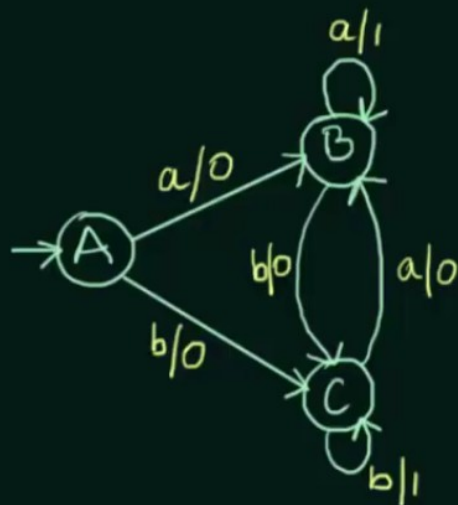
o

Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

aa - 1

bb - 1



abb

baa

ba

oo

aa

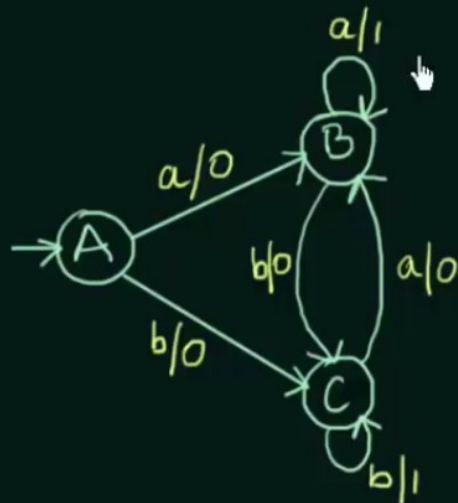
o!

Construction of Mealy Machine - Examples (Part-1)

Design a Mealy Machine accepting the language consisting of strings from Σ^* , where $\Sigma = \{a,b\}$ and the strings should end with either aa or bb

aa - 1

bb - 1



abb

baa

ba

oo

aa
o|

• **Questions????**