L-16 Construction of Moore machine-

For the following Moore Machine the input alphabet is $£ = {a,b}$ and the output alphabet is $\triangle = {0,1}$. Run the following input sequences and find the repective outputs:

States	а	Ь	Outputs
→ 9°	91	92	0
qi	92	93	0
92	93	94	1
93	94	94	0
94	90	Po	0

For the following Moore Machine the input alphabet is $\angle = \{a,b\}$ and the output alphabet is $\triangle = \{0,1\}$. Run the following input sequences and find the repective outputs:

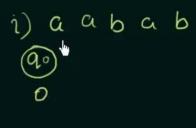
(i) aabab (ii) abbb (iii) ababb

States	α	Ь	Outputs
→ 9°	9,	92	0
q,	92	93	0 🖢
92	93	94	1
93	94	94	0
94	90	૧૦	0

i) a a b a b

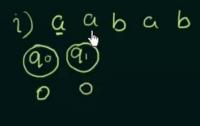
(i) aa	bab	(ii)	abbb	(iii)	ababb
•		•			

States	α	Ь	Outputs
→ 9°	9.	92	0
qi	92	93	0
92	93	94	1
93	94	94	0
94	90	9º	0



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→ 9°	9,	92	0
٩٠	q ₂	93	0
92	93	94	1
93	94	94	0
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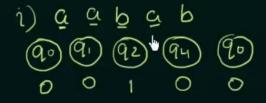
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92	93	94	1
93	94	94	0
94	90	१०	0



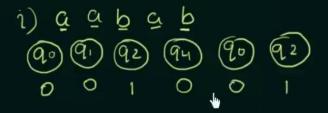
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92	93	94	1
93	94	94	0
94	90	Po	0



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α	Ь	Outputs
91	92	0
92	93	0
93	94	1
94	94	0
90	Po	0
	91 92 93 94	9, 92 92 93 93 94 94 94



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qi	92	93	0
92	93	94	1
93	94	94	0
94	90	Po	0





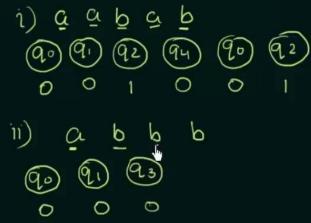
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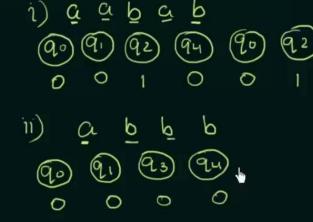
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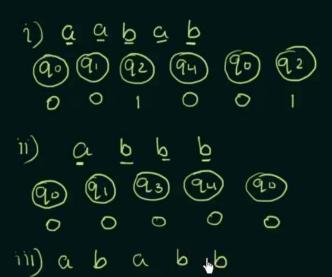
States	α	Ь	Outputs
→ 9°	9,	92	0
qi	92	93	0
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93	94	94	0
94	90	૧૦	0



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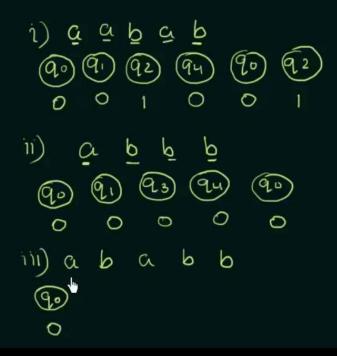
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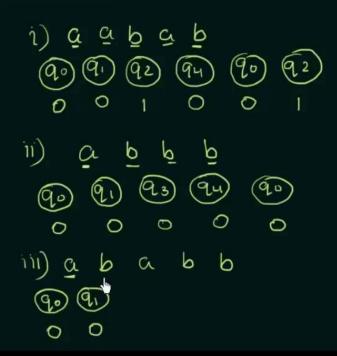


(i) aabab	(ii) abbb	(iii) ababb
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States	а	Ь	Outputs
→ 9°	9,	92	0
٩،	92	93	0
92	93	94	1
93	94	94	0
94	90	Po	0
V-1			

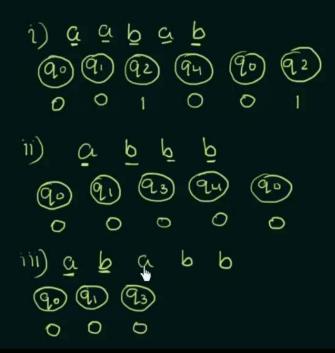


States	а	Ь	Outputs
→ ૧૦	91	92	0
qi	92	93	0
92	93	94	1
93	94	94	0
94	90	Po	0



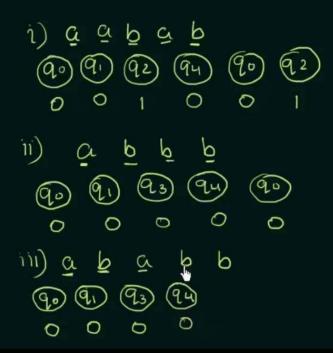
(i) aabab	(ii) abbb	(iii) ababb

States	а	Ь	Outputs
→ ૧૦	9,	92	0
qi	92	93	0
92	93	94	1
93	94	94	0
94	90	૧૦	0



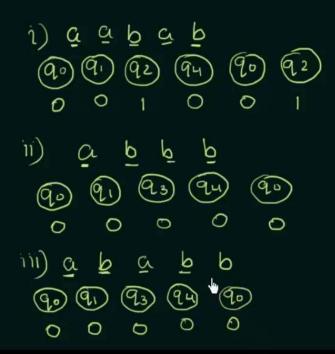
(i) aabab	(ii) abbb	(iii) ababb
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States	α	Ь	Outputs
→ ૧૦	9,	92	0
qi	92	93	0
92	93	94	1
93	94	94	0
94	90	Po	0



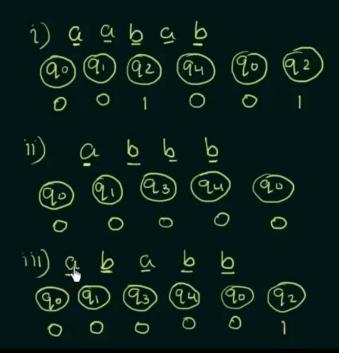
(i) aabab	(ii) abbb	(iii) ababb
(.)	()	()

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• Questions????