Registration no:

COSC231101073

Name :

Ayesha Jahangir

Class:

COSC-5A

- ## Convert Moore into Mealy Machine

Moore Machine:
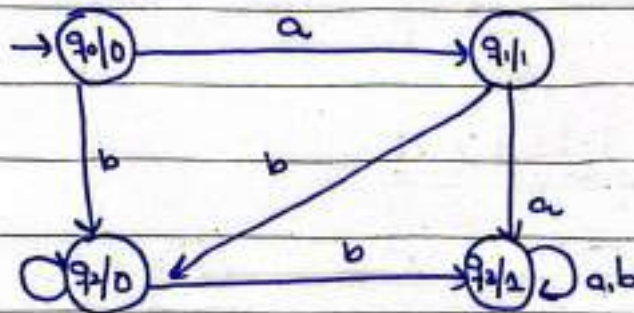
Mealy Machine:
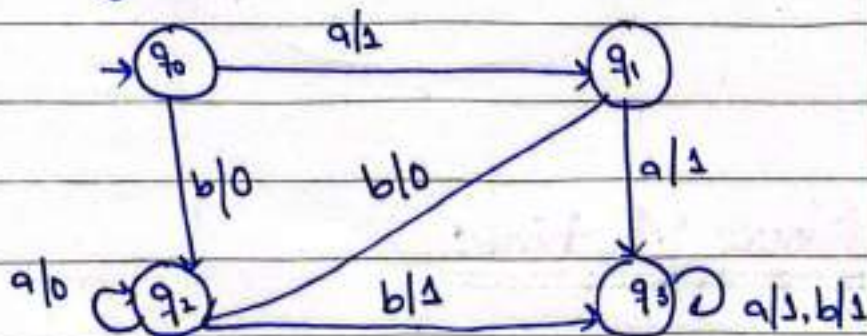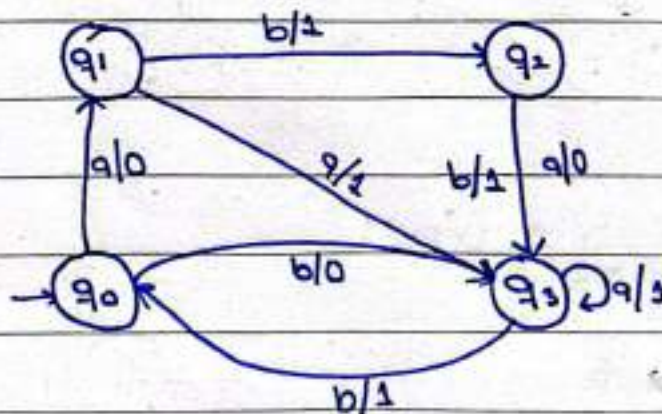
- **String:**

  bbbabbaaa

- **Output:**

Input:	b	b	b	a	b	b	a	a	a
States: q_0	q_2	q_3	q_3	q_3	q_3	q_3	q_3	q_3	q_3
Moore: 0	0	1	1	1	1	1	1	1	1
Mealy: 0	1	1	1	1	1	1	1	1	

- # Convert Mealy into Moore

Mealy Machine:

Moore Machine:
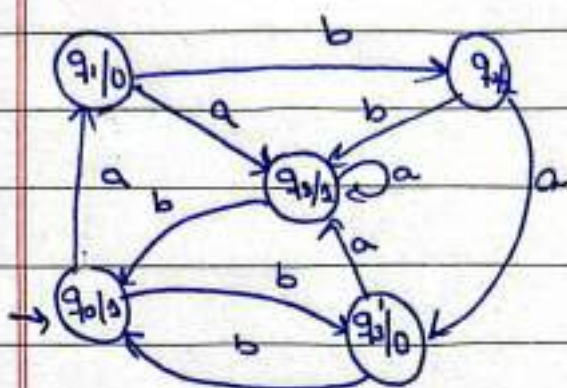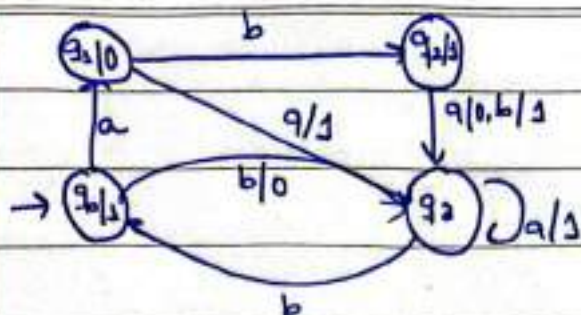
String:

bbbabbaaa

Output:

Input:		b	b	b	a	b	b	a	a	a
States:	q_0	q_3	q_0	q_3	q_3	q_0	q_3	q_3	q_2	q_3
Moore:	1	0	1	0	1	1	0	1	1	1
Mealy:		0	1	0	1	1	0	1	1	1