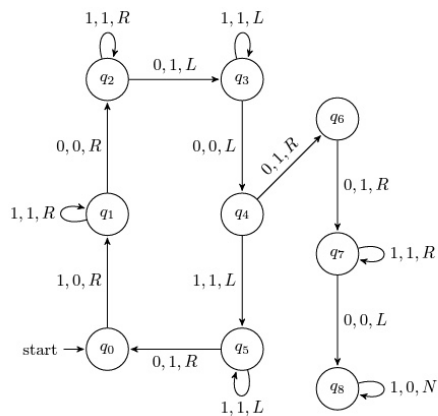


3. Write the sequence of configuration for 11000011.



↓

1	1	0	0	0	0	1	1
---	---	---	---	---	---	---	---

 q_0 11000011

↓

0	1	0	0	0	0	1	1
---	---	---	---	---	---	---	---

 $0q_1$ 1000011

↓

0	1	0	0	0	0	1	1
---	---	---	---	---	---	---	---

 $01q_1$ 000011

↓

0	1	0	0	0	0	1	1
---	---	---	---	---	---	---	---

 $010q_2$ 000011

↓

0	1	0	1	0	0	1	1
---	---	---	---	---	---	---	---

 $01q_3$ 10011

↓

0	1	0	1	1	0	1	1
---	---	---	---	---	---	---	---

 $0q_4$ 1010011

↓

0	1	0	1	1	0	0	1	1
---	---	---	---	---	---	---	---	---

 q_5 01010011

↓

1	1	0	1	0	0	1	1
---	---	---	---	---	---	---	---

 $1q_6$ 1010011

↓

1	0	0	1	0	0	1	1
---	---	---	---	---	---	---	---

 $10q_1$ 010011

1 0 0 1 0 0 1 1 | $100a_2 10011$

↓
1 0 0 1 0 0 1 1 | $1001a_2 0011$

↓
1 0 0 1 1 1 0 1 1 | $100a_3 11011$

↓
1 0 0 1 1 1 0 1 1 | $10a_3 011011$

↓
1 0 0 1 1 1 0 1 1 | $1a_4 0011011$

↓
1 1 1 1 0 1 1 0 1 1 | $11a_6 011011$

↓
1 1 1 1 1 1 0 1 1 1 | $111a_7 11011$

↓
1 1 1 1 1 1 0 1 1 1 | $1111a_7 1011$

↓
1 1 1 1 1 1 0 1 1 1 | $11111a_7 011$

↓
1 1 1 1 1 1 0 1 1 1 | $1111a_8 1011$

1 1 1 1 1 1 0 1 1 1