




MES COLLEGE ERUMELY

JAM BOARD




Prof. (Dr.) ANIL KUMAR S.
PRINCIPAL
MES COLLEGE ERUMELY

Untitled Jam

$J=0, k=1 \text{ (} k=1 \text{)}$
 $J=1, k=0$

$Q_{n+1} = \overline{1 \cdot \overline{Q_n}} = \overline{Q_n} = Q_n = 0$
 $\overline{Q_{n+1}} = \overline{\overline{Q_n} \cdot Q_n} = \overline{0} = 1$

$J=k=clk=1$
 $Q_{n+1} = \overline{Q_n \cdot \overline{Q_n}} = \overline{0} = 1$
 $\overline{Q_{n+1}} = 1$

Windows taskbar: 02:51 PM, 30-01-2023

Untitled Jam

registers

serial shift right then out
 serial shift left then out
 parallel shift in
 rotate left

Windows taskbar: 02:52 PM, 30-01-2023

Google Jamboard

Recent Jams

Untitled Jam Apr 25, 2021	Untitled Jam Apr 27, 2021	Untitled Jam Apr 13, 2021	Untitled Jam Apr 13, 2021
Untitled Jam Apr 13, 2021	Untitled Jam Apr 13, 2021	Untitled Jam Apr 13, 2021	Untitled Jam Apr 6, 2021

Windows taskbar: 02:53 PM, 30-01-2023



Special Class by Sabjan Yoosef (yhf-rprk-xen - Dec 1, 2021)

$A \rightarrow B$

$t_1(A) = t_3(A)$

$t_1(B) = t_3(B)$

$AB \rightarrow A$

	A	B	C
t_1	1	2	5
t_2	8	9	2
t_3	3	4	6
	7	2	8
t_6	8	9	7

Untitled Jam

MP Mem

Add Bus DATA

2500_H

$MVI A, 0A_H$

\overline{RD}

ALE

$\overline{IO/\overline{M}}$

Untitled Jam

1011

FFA FFB FFC FFD



Untitled Jam

LATCHES

Active High Input

S	R	Q	Q'
1	1	NC	NC
1	0	1	0
0	1	0	1
0	0	INV	WID

Active low Input

\bar{S}	\bar{R}	Q	Q'
1	1	NC	NC
0	1	1	0
1	0	0	1
0	0	1	0
0	0	0	1

Type here to search

Untitled Jam

A	B	C	F
0	0	0	0
0	0	1	1
0	1	0	1
0	1	1	0
1	0	0	1
1	0	1	0
1	1	0	0
1	1	1	1

$A = ABC' + A'B'C + ABC + A'BC$

$= B'(AC + A'C) + B(AC + A'C)$

$= B'(A \oplus C) + B(A \oplus C)$

$= (A \oplus C)$

$(B'X + BX)$
 $\oplus X$
 $B \oplus (A \oplus C)$

Type here to search



Anil Kumar S.

Prof. (Dr.) ANIL KUMAR S.
 PRINCIPAL
 MES COLLEGE ERUMELY