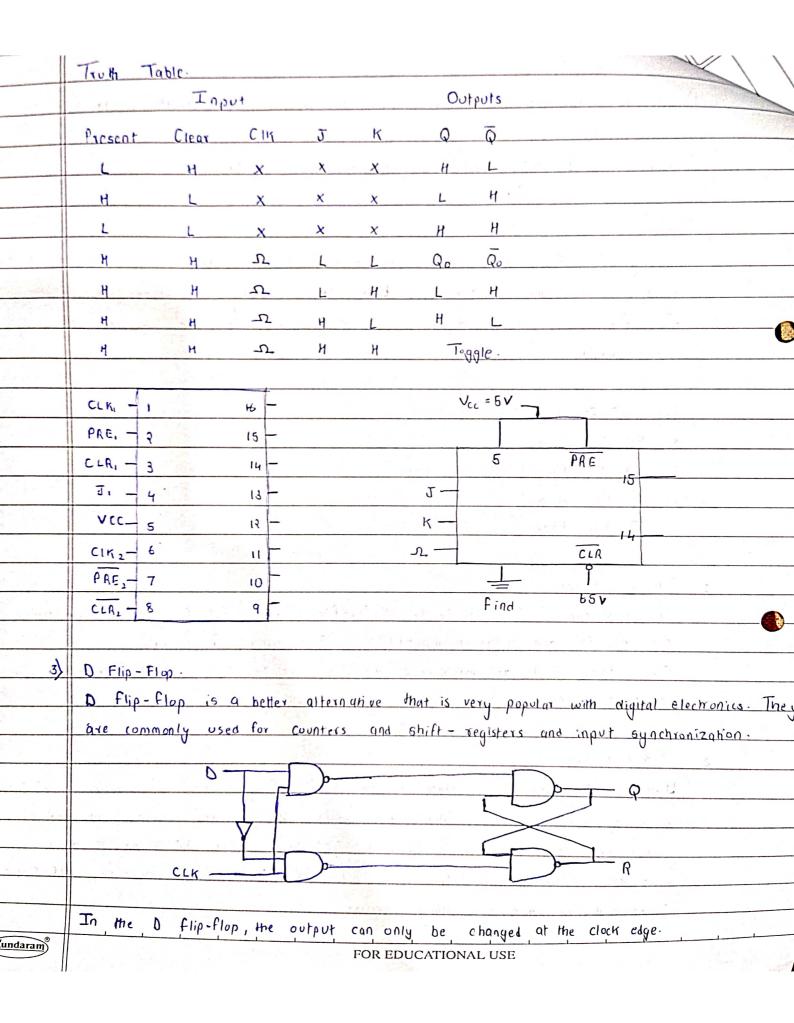
Experiment, no. 7

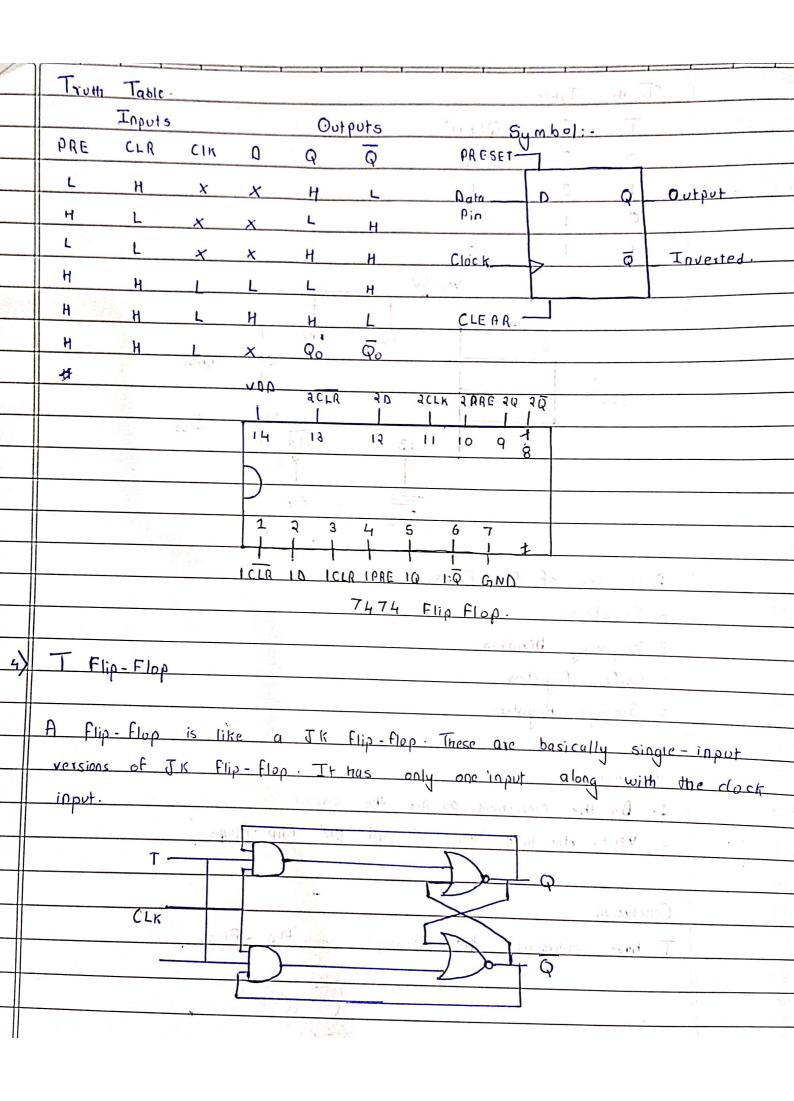
Ayush Vinod Upadhyay

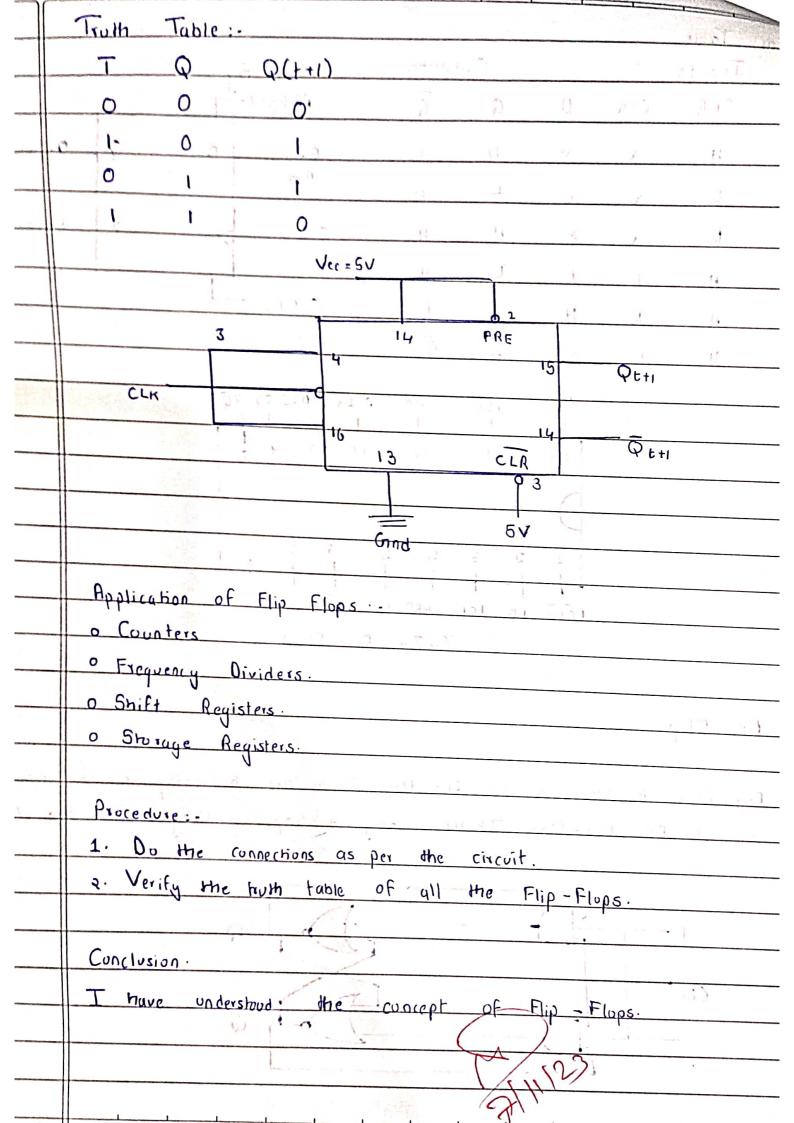
T075, I1-1

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Experiment no 7
Don't To included the service of the best balls
Aim: To implement the circuit and to verify the truth table
Component: IC7474 IC7476, power supply CRO
power supply. CRO
Theory
Basically, Flip-Flops are the bistable multivalue that stores logic 1" and 0. Shift
register, memory and counters are built by using Flip-Flops. Sequential
circuit (machine) outputs depends on the present state and it input applied
at that instant.
Types of flip flops.
1. SR Flip Flop
2. JK Flip Flop
3. D Flip Flop
4. T. Flip Flop.
6.3 () 1 - 2
SR Flip Flop.
The most common flip-flop is the SR flip-flop. This simple flip-flop circuit has a
set input (s) and a reset input (R) 5 -> active, Q -> high.
Once the outputs are established, the wiring of the circuit is moni a maintained
until '5' or 'R' go high, or power is turned off.
recover data bas restance and my the second and make a second and
J-K Flip Flop.
Due to the undefined state in the SR flip-flops. The input condition of Jakal
given an output inverting the output state. However the outputs are the same
when one tests the circuit practically. In simple words IF I and K data
input are different, then Q takes the value of J at the next clack edge. If I and K
are both low, then no change occurs.
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SECULATIONAL USE
CONTRACTOR AND PERSONS ASSESSMENT







SR & D Flip Flop using DIP switch

