ADE-University Perudical

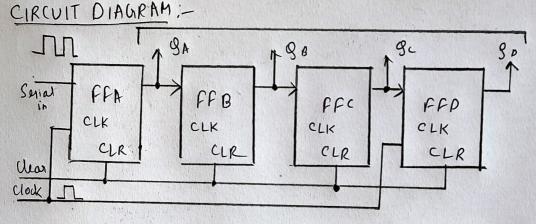
SOHAM GHASH RA2011003010504 CSE-H1

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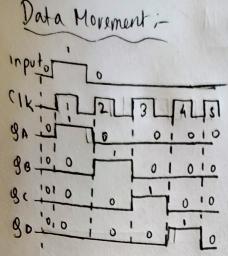
Implement Serial Input Parallel Output Shaft registers in the Mullisim software and determine the binary value of the output at 2nd dock pulse for the serial input 1001 (Mirst bit) - start from right most bit.

AIM:- To implement Social Input Parallel Output (SIPO)

Shift Registres in the two Usin Software and Is determine
the binary value of the given serial input.



4-bit Serial in to Parallel-Out Shift Register



SIPO Data movement Oragram (Graph)

PROCEDURE:

We pirst log into Hultisim platform

We use the built in Pflipplop link and connect 4 such plip plops adjacently. we connect the LEDs at the output terminals

We connoct ground for the Reset pin

Then we connect them all all by using soo projetal switch

· We give input using the Digital Switch itself when the switch is 'ON', logic will come as '1' and

off!, the logic will come 'o' and that subsequent Switch will hoff glow.

Using this perocedure, we go It the grapher and check the

out put too.

